



ONE SOURCE... *Electrical & Lighting*

receptacles
Split Bolts
mechanical &
compression lugs
tape
splicing
labeling
switches
wallplates
LED lighting
cable
ties
cement
meters
terminals
fittings
testers
exit signs
Heat Shrink
grounding
Cat 6
tools
weatherproof boxes
bits & blades

AInsulated
Connectors**B**Power
Connectors**C**

Grounding

**D**Underground
Cable Splicing**E**

Heat Shrink

**F**

Tape

**G**Wire
Connectors**H**

Terminals

**I**Cable Ties
& Wire Mgmt**J**Labeling
& Identification**K**Cements
& Roof Flashings**L**

Weatherproof

**M**

Fittings

**N**

Straps

**O**Strut Fittings
& Spring Steel



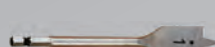
Fasteners

P



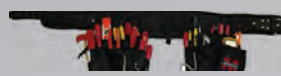
Cable Pulling

Q



Bits & Blades

R



Tools

S



Meters & Testers

T



Wiring Devices

U



Lighting & Fan Speed Controls

V



Voice & Datacom

W



Replacement Switches

X



Extension Cords & Surge Suppression

Y



Chimes, Transformers & Pushbuttons

Z



Photocontrols

AA



Time Controls

BB



Lighting

CC



Exit & Emergency Lighting

DD



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ONE SOURCE...
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ONE SOURCE...
Electrical & Lighting

SECTION

A



Insulated Connectors

- ▶ Clear In-Line & Dual Side Entry A1
- ▶ Inline and 2 Port A2
- ▶ Single Side Entry A3
- ▶ Dual Side Entry A4
- ▶ Mountable A5-A6

Clear Insulated Connectors

- ▶ Clear Insulation
- ▶ 6061-T6 Aluminum
- ▶ Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Easy Re-Entry for Changes, Inspection or Troubleshooting
- ▶ Plugs Marked with Connector Max Wire Size for easy ID
- ▶ CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- ▶ One Wire Per Terminal
- ▶ Temperature Range of -49°F to 194°F (-45° to 90°C)
- ▶ 600 volt
- ▶ Rated For Use with 90°C Cables
- ▶ ANSI C119.4 & UL 486B listed



Insulated In-line Splices



Dimensions = Inches

Cat. No.	Wire Range	Allen Hex	Length	Width	Height	Box Qty
97302	2 - 14	Slotted	3.46	.82	1.62	15
97304	2/0 - 2	3/16	3.50	.99	1.95	12
97305	250 - 6	1/4	4.26	1.26	2.28	4
97306	350 - 6	5/16	5.21	1.33	2.63	4
97307	500 - 6	5/16	5.99	1.84	3.19	5

Insulated Dual Side Entry Splices



Dimensions = Inches

Cat. No.	No. of Ports	Wire Range	Allen Hex	Length	Width	Height	Box Qty
97312	2	4 - 14	Slotted	1.13	1.16	1.31	12
97314	3			1.56			12
97316	4			2.06			6
97318	5			2.56			6
97320	6	2-14	Slotted	3.06	1.20	1.50	4
97322	8			4.06			2
97332	2			1.15			15
97333	3			1.60			12
97334	4			2.02			6
97335	5			2.43			5
97336	6			2.85			4
97338	8			3.69			3
97352	2	2/0 - 6	3/16	1.63	1.75	1.38	10
97354	3			2.38			8
97356	4			3.13			6
97358	5			3.88			4
97360	6			4.63			4
97362	8			6.13			3
97392	2	250- 6	5/16	2.13	2.63	2.13	6
97394	3			3.13			6
97396	4			4.13			3
97398	5			5.00			2
97400	6			6.00			3
97402	8			8.00			3
97412	2	350 - 6	3/8	2.25	3.13	2.50	4
97414	3			3.25			3
97416	4			4.25			4
97418	5			5.25			4
97420	6			6.25			2
97422	8			8.25			3
97432	2	500 - 6	3/8	2.88	3.19	2.75	4
97434	3			4.13			4
97436	4			5.38			3
97438	5			6.63			4
97440	6			7.88			2
97442	8			10.38			2

Black Insulated Connectors



- ▶ 6061-T6 Aluminum
- ▶ Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Easy Re-Entry for Changes, Inspection or Troubleshooting
- ▶ Plugs Marked with Connector Max Wire Size for easy identification
- ▶ CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- ▶ One Wire Per Terminal
- ▶ Temperature Range of -49°F to 194°F (-45° to 90°C)
- ▶ 600 Volts
- ▶ Rated For Use with 90°C Cables
- ▶ UL Listed through 750 MCM
- ▶ ANSI C119.4 & UL 486B listed

Insulated In-Line Splices



Dimensions = Inches

Cat. No.	Wire	Fig.	Allen	Length	Width	Height	Box Qty
97017	2 - 14	1	Slotted	3.46	.82	1.62	12
97019	1/0 - 14	1	3/16	3.55	.96	2.05	12
97020	2/0 - 6	1	3/16	3.55	.96	2.05	12
97021	250 - 6	1	1/4	4.26	1.26	2.28	2
97022	350 - 6	1	5/16	5.21	1.33	2.63	4
97023	500 - 6	1	5/16	5.99	1.50	2.88	2
97024	600 - 250	1	5/16	6.18	1.77	3.17	2
97028*	750 - 250	2	3/8	7.39	1.84	3.55	2

* Dual Set Screw Configuration (4 Set Screws)

Insulated 2 Conductor - Single Side Entry Splices



Dimensions = Inches

Cat. No.	Wire	Allen	Length	Width	Height	Box Qty
97102	4 - 14	Slotted	1.13	1.25	1.38	12
97103	2 - 14	Slotted	1.15	1.50	1.42	12
97105	1/0 - 14	3/16	1.69	1.80	1.93	10
97106	2/0 - 6	3/16	1.69	1.80	1.93	10
97107	3/0 - 6	3/16	1.94	1.85	2.00	8

Insulated 2 Conductor - Dual Side Entry Splices



Dimensions = Inches

Cat. No.	Wire	Fig.	Allen	Length	Width	Height	Box Qty
97112	4 - 14	1	Slotted	1.13	1.50	1.38	12
97113	2 - 14	1	Slotted	1.15	1.50	1.42	12
97115	1/0-14	1	3/16	1.62	1.83	1.83	6
97116	2/0-6	1	3/16	1.69	1.88	1.93	10
97117	3/0-6	1	1/4	2.18	2.48	2.37	8
97118	250 - 6	1	5/16	2.20	2.41	2.22	6
97120	350 - 6	1	5/16	2.60	2.80	2.62	4
97121	500 - 6	1	3/8	2.88	3.14	3.04	2
97122	600 - 250	1	5/16	2.98	3.38	3.25	4
97124	750 - 250	1	3/8	3.33	3.44	3.52	2
97125*	750 - 250	2	3/8	3.33	4.50	3.52	2

* Dual Set Screw Configuration (4 Set Screws - 2 Per Port)

Insulated Splices - Single Side Entry

► Wire Entry from 1 (Same) Side in Stub Termination Configuration



Dimensions = Inches

Cat. No.	Wire Ports	Wire Range	Allen Hex	Length	Height	Box Qty
97513	3	4-14	Slotted	1.50	1.45	12
97514	4			1.92		12
97515	5			2.33		6
97516	6			2.75		4
97517	7			3.17		4
97518	8	2-14	Slotted	3.59	1.50	3
97519	3			1.60		6
97520	4			2.02		6
97521	5			2.43		4
97522	6			2.85		4
97523	7	1/0-14	3/16	3.27	1.85	3
97524	8			3.69		3
97525	3			1.90		8
97526	4			2.49		6
97527	5			3.08		4
97528	6	2/0-6	3/16	3.67	1.85	4
97529	7			4.26		3
97530	8			4.85		3
97533	3			1.90		8
97534	4			2.49		6
97535	5	3/0-6	1/4	3.08	1.99	4
97536	6			3.67		4
97537	7			4.26		3
97538	8			4.85		3
97579	3			2.10	2.49	6
97580	4	250-6	5/16	2.87		6
97581	5			3.64		4
97582	6			4.41		3
97583	7			5.18		3
97584	8	350-6	5/16	5.96	2.64	3
97543	3			2.40		6
97544	4			3.29		4
97545	5			4.17		4
97546	6			5.06		4
97547	7	500-4	5/16	5.94	3.03	3
97548	8			6.83		3
97553	3			2.80		6
97554	4			3.85		4
97555	5			4.90		4
97556	6	600-250	5/16	5.95	3.11	3
97557	7			7.00		3
97558	8			8.06		3
97585	3			3.18	3.60	4
97586	4	750-250	3/8	4.35		4
97587	5			5.53		4
97588	6			6.70		2
97589	7			7.87		2
97590	8			9.05		2
97563	3			3.40		4
97564	4			4.68		4
97565	5			5.95		4
97566	6			7.23		2
97567	7			8.50		2
97568	8			9.78		2
97573	3			3.60		4
97574	4			5.03		4
97575	5			6.45		4
97576	6			7.88		4
97577	7			9.30		2
97578	8			10.73		2

Insulated Splices - Dual Side Entry



- ▶ Dual Side Entry
- ▶ 6061-T6 Aluminum
- ▶ Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Easy Re-Entry for Changes, Inspection or Troubleshooting
- ▶ Plugs Marked with Connector Max Wire Size for easy identification
- ▶ CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- ▶ One Wire Per Terminal
- ▶ Temperature Range of -49°F to 194°F (-45° to 90°C)
- ▶ 600 Volts
- ▶ Rated For Use with 90°C Cables
- ▶ UL Listed through 750 MCM
- ▶ ANSI C119.4 & UL 486B listed

Dimensions = Inches

Cat. No.	Wire Ports	Wire Range	Allen Hex	Length	Height	Box Qty
97613	3	4-14	Slotted	1.50	1.45	12
97614	4			1.92		6
97615	5			2.33		6
97616	6			2.75		4
97617	7			3.17		4
97618	8			3.59		3
97624	3	2-14	Slotted	1.60	1.50	6
97625	4			2.02		6
97626	5			2.43		6
97627	6			2.85		4
97628	7			3.27		4
97629	8			3.69		3
97633	3	2/0-6	3/16	1.90	1.85	8
97634	4			2.49		6
97635	5			3.08		4
97636	6			3.67		4
97637	7			4.26		3
97638	8			4.85		3
97639	9			5.44		3
97640	10			6.03		3
97641	11			6.62		3
97642	12			7.21		4
97683	3	3/0-6	1/4	2.10	1.99	6
97684	4			2.87		6
97685	5			3.64		4
97686	6			4.41		3
97687	7			5.18		3
97688	8			5.96		3
97689	9			6.73		3
97690	10			7.50		3
97691	11			8.27		3
97692	12			9.04		3
97643	3	250-6	5/16	2.40	2.49	6
97644	4			3.29		4
97645	5			4.17		4
97646	6			5.06		4
97647	7			5.94		3
97648	8			6.83		3
97649	9			7.72		3
97650	10			8.60		3
97651	11			9.49		3
97652	12			10.37		3

Dimensions = Inches

Cat. No.	Wire Ports	Wire Range	Allen Hex	Length	Height	Box Qty
97653	3	350-6	5/16	2.80	2.64	6
97654	4			3.85		4
97655	5			4.90		4
97656	6			5.95		3
97657	7			7.00		3
97658	8			8.06		3
97659	9	500-4	5/16	9.11	3.03	3
97660	10			10.16		3
97661	11			11.21		3
97662	12			12.26		3
97693	3			3.18		4
97694	4			4.35		4
97695	5			5.53		4
97696	6			6.70		2
97697	7			7.87		2
97698	8			9.05		2
97699	9	600-250	5/16	10.22	3.11	2
97700	10			11.39		2
97701	11			12.56		2
97702	12			13.74		2
97663	3			3.40		4
97664	4			4.68		4
97665	5			5.95		4
97666	6			7.23		2
97667	7			8.50		2
97668	8			9.78		2
97669	9	750-250	3/8	11.05	3.60	2
97670	10			12.33		2
97671	11			13.60		2
97672	12			14.88		2
97673	3			3.60		4
97674	4			5.03		4
97675	5			6.45		4
97676	6			7.88		4
97677	7			9.30		2
97678	8			10.73		2
97679	9			12.15		2
97680	10			13.58		2
97681	11			15.00		2
97682	12			16.43		2

Insulated Splices - Single Side Entry - Mountable



- ▶ Mountable
- ▶ Single Side Entry
- ▶ 6061-T6 Aluminum
- ▶ Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Easy Re-Entry for Changes, Inspection or Troubleshooting
- ▶ Plugs Marked with Connector Max Wire Size for easy identification
- ▶ CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- ▶ One Wire Per Terminal
- ▶ Temperature Range of -49°F to 194°F (-45° to 90°C)
- ▶ 600 Volts
- ▶ Rated For Use with 90°C Cables
- ▶ ANSI C119.4 & UL 486B listed



Dimensions = Inches

Cat. No.	Wire Ports	Wire Range	Allen Hex	Length	Height
97712	2	4-14	1/8	1.97	1.45
97714	4			2.82	
97716	6			3.65	
97732	2	2/0-14	7/32	3.01	1.50
97733	3			3.69	
97734	4			4.36	
97735	5			4.74	
97736	6			5.41	
97742	2	250-6	5/16	3.85	2.10
97743	3			4.71	
97744	4			5.57	
97745	5			6.43	
97746	6	350-6	5/16	7.29	2.50
97752	2			4.57	
97753	3			5.62	
97754	4			6.67	
97755	5	600-4	5/16	7.72	2.90
97756	6			8.77	
97762	2			5.63	
97763	3			7.11	
97764	4	750-250	3/8	8.47	3.60
97765	5			9.83	
97766	6			11.18	
97772	2			6.19	
97773	3	750-250	3/8	7.75	3.60
97774	4			9.18	
97775	5			10.60	
97776	6			12.03	

Insulated Splices - Dual Side Entry - Mountable



- ▶ Mountable
- ▶ Dual Side Entry
- ▶ 6061-T6 Aluminum
- ▶ Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Easy Re-Entry for Changes, Inspection or Troubleshooting
- ▶ Plugs Marked with Connector Max Wire Size for easy identification
- ▶ CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- ▶ One Wire Per Terminal
- ▶ Temperature Range of -49°F to 194°F (-45° to 90°C)
- ▶ 600 Volts
- ▶ Rated For Use with 90°C Cables
- ▶ ANSI C119.4 & UL 486B listed

Dimensions = Inches

Cat. No.	Wire Ports	Wire Range	Allen Hex	Length	Height
97812	2	4-14	1/8	1.97	1.45
97814	4			2.82	
97816	6			3.65	
97832	2	2/0-14	7/32	3.01	1.50
97833	3			3.69	
97834	4			4.36	
97835	5			5.05	
97836	6			5.72	
97837	7			6.37	
97838	8			7.03	
97839	9			7.76	
97840	10			8.40	
97842	2	250-6	5/16	3.85	2.10
97843	3			4.71	
97844	4			5.57	
97845	5			6.43	
97846	6			7.29	
97847	7			8.15	
97848	8			9.01	
97849	9			9.87	
97850	10			10.37	
97852	2	350-6	5/16	4.57	2.50
97853	3			5.62	
97854	4			6.67	
97855	5			7.72	
97856	6			8.77	
97857	7			9.82	
97858	8			10.87	
97859	9			11.92	
97860	10			12.97	
97862	2	600-4	5/16	5.63	2.90
97863	3			7.11	
97864	4			8.47	
97865	5			9.83	
97866	6			11.18	
97867	7			12.53	
97868	8			13.88	
97869	9			15.23	
97870	10			16.58	
97872	2	750-250	3/8	6.19	3.60
97873	3			7.75	
97874	4			9.18	
97875	5			10.60	
97876	6			12.03	
97877	7			13.46	
97878	8			14.88	
97879	9			16.30	
97880	10			17.73	

B



Power Connectors

**Aluminum
Compression**



B1-B2

**Copper
Compression**



B3-B7

**Flex Cable Copper
Compression**



B8-B9

**Tubular Copper
Terminals**



B10

**Meter Socket
Lugs**



B10

**Service
Entrance**



B11-B12

Pin Terminals



B13

**Aluminum
Mechanical**



B14-B16

**Copper
Mechanical**



B17

Split Bolts



B18-B19

Line Taps



B20-B22

**Insulation
Piercing**



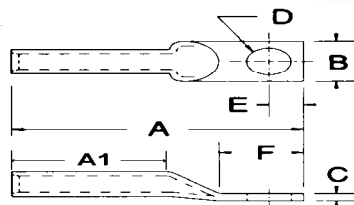
B23

Anti-Oxidant



B13

Aluminum Long Barrel 1 Hole Compression Lugs

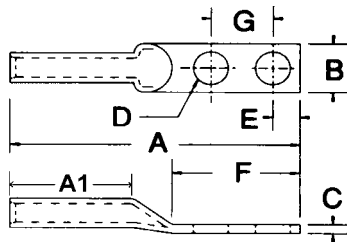


- ▶ AL9CU Listed - for both Aluminum and Copper Conductors
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Made of High-Conductivity Seamless Aluminum
- ▶ Electro-Tin Plating resists corrosion, reduces contact resistance for Maximum Conductivity
- ▶ Single Mounting Hole
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486B AL9CU Listed for Applications Thru 35KV

Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Color Code	ID	OD	A	A1	B	C	D	E	F	Box Qty
93005	8 Str.	10	Blue	.16	.30	1.81	.56	.63	.09	.21	.31	.81	20
93008	8 Str.	1/4	Blue	.16	.30	1.81	.56	.63	.09	.25	.31	.81	20
93006	8 Str.	5/16	Blue	.16	.30	1.81	.56	.63	.09	.33	.31	.81	20
93007	8 Str.	3/8	Blue	.16	.30	1.81	.56	.63	.09	.41	.31	.81	20
93009	6 Str.	10	Gray	.20	.34	2.01	.86	.57	.10	.21	.38	.88	50
93010	6 Str.	1/4	Gray	.20	.34	2.01	.86	.57	.10	.25	.38	.88	50
93012	6 Str.	5/16	Gray	.20	.34	2.01	.86	.57	.10	.33	.38	.88	50
93014	6 Str.	3/8	Gray	.20	.34	2.01	.86	.57	.10	.41	.38	.88	50
93016	4 Str.	1/4	Green	.25	.44	2.31	1.1	.57	.19	.25	.38	.88	30
93018	4 Str.	5/16	Green	.25	.44	2.31	1.1	.57	.19	.33	.38	.88	30
93020	4 Str.	3/8	Green	.25	.44	2.31	1.1	.57	.19	.41	.38	.88	30
93022	2 Str.	1/4	Pink	.31	.53	2.50	1.2	.71	.22	.25	.38	.88	30
93024	2 Str.	5/16	Pink	.31	.53	2.50	1.2	.71	.22	.33	.38	.88	30
93026	2 Str.	3/8	Pink	.31	.53	2.50	1.2	.71	.22	.41	.38	.88	30
93027	2 Str.	1/2	Pink	.31	.53	2.50	1.2	.71	.22	.51	.38	.88	30
93028	1 Str.	1/4	Gold	.35	.53	2.50	1.2	.73	.18	.25	.38	.88	15
93030	1 Str.	5/16	Gold	.35	.53	2.50	1.2	.73	.18	.33	.38	.88	15
93032	1 Str.	3/8	Gold	.35	.53	2.50	1.2	.73	.18	.41	.38	.88	15
93033	1 Str.	1/2	Gold	.35	.53	2.50	1.2	.73	.18	.41	.38	.88	15
93034	1/0 Str.	1/4	Tan	.39	.63	2.81	1.2	.85	.24	.25	.50	.93	20
93036	1/0 Str.	5/16	Tan	.39	.63	2.81	1.2	.85	.24	.33	.50	.93	20
93038	1/0 Str.	3/8	Tan	.39	.63	2.81	1.2	.85	.24	.41	.50	.93	20
93039	1/0 Str.	1/2	Tan	.39	.63	2.81	1.2	.85	.24	.51	.50	.93	20
93040	2/0 Str.	1/4	Olive	.44	.69	2.81	1.3	.94	.24	.25	.50	1.12	20
93042	2/0 Str.	5/16	Olive	.44	.69	2.81	1.3	.94	.24	.33	.50	1.12	20
93044	2/0 Str.	3/8	Olive	.44	.69	2.81	1.3	.94	.24	.41	.50	1.12	20
93046	2/0 Str.	1/2	Olive	.44	.69	2.81	1.3	.94	.24	.51	.50	1.12	20
93048	3/0 Str.	1/4	Ruby	.48	.76	3.00	1.4	1.03	.28	.25	.50	1.12	15
93050	3/0 Str.	5/16	Ruby	.48	.76	3.00	1.4	1.03	.28	.33	.50	1.12	15
93052	3/0 Str.	3/8	Ruby	.48	.76	3.00	1.4	1.03	.28	.41	.50	1.12	15
93054	3/0 Str.	1/2	Ruby	.48	.76	3.00	1.4	1.03	.28	.51	.50	1.12	15
93056	4/0 Str.	1/4	White	.55	.84	3.43	1.4	1.15	.29	.25	.56	1.31	10
93058	4/0 Str.	5/16	White	.55	.84	3.43	1.4	1.15	.29	.33	.56	1.31	10
93060	4/0 Str.	3/8	White	.55	.84	3.43	1.4	1.15	.29	.41	.56	1.31	10
93062	4/0 Str.	1/2	White	.55	.84	3.43	1.4	1.15	.29	.51	.56	1.31	10
93064	250MCM	3/8	Red	.59	.92	3.50	1.5	1.26	.32	.41	.63	1.31	9
93066	250MCM	1/2	Red	.59	.92	3.50	1.5	1.26	.32	.51	.63	1.31	9
93067	300MCM	5/16	Blue	.65	1.01	4.00	1.6	1.37	.35	.33	.63	1.50	9
93068	300MCM	3/8	Blue	.65	1.01	4.00	1.6	1.37	.35	.41	.63	1.50	9
93070	300MCM	1/2	Blue	.65	1.01	4.00	1.6	1.37	.35	.51	.63	1.50	9
93072	350MCM	3/8	Brown	.72	1.12	4.25	1.9	1.52	.39	.41	.69	1.50	6
93074	350MCM	1/2	Brown	.72	1.12	4.25	1.9	1.52	.39	.51	.69	1.50	6
93076	400MCM	3/8	Green	.76	1.19	4.60	2.3	1.61	.42	.41	.69	1.50	6
93078	400MCM	1/2	Green	.76	1.19	4.60	2.3	1.61	.42	.51	.69	1.50	6
93080	500MCM	3/8	Pink	.84	1.32	4.75	2.5	1.79	.47	.41	.75	1.50	6
93082	500MCM	1/2	Pink	.84	1.32	4.75	2.5	1.79	.47	.51	.75	1.50	6
93084	500MCM	5/8	Pink	.84	1.32	4.75	2.5	1.79	.47	.67	.75	1.50	6
93085	600MCM	1/2	Black	.92	1.44	5.12	2.6	1.96	.51	.51	.75	1.87	4
93086	600MCM	5/8	Black	.92	1.44	5.12	2.6	1.96	.51	.67	.75	1.87	4
93087	750MCM	1/2	Yellow	1.03	1.60	6.12	3.2	2.19	.55	.51	.94	2.00	4
93088	750MCM	5/8	Yellow	1.03	1.60	6.12	3.2	2.19	.55	.67	.94	2.00	4

Aluminum Long Barrel 2 Hole Compression Lugs

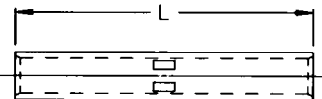


- ▶ AL9CU Listed - for both Aluminum and Copper Conductors
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Made of High-Conductivity Seamless Aluminum
- ▶ Electro-Tin Plating Resists Corrosion, reduces contact resistance for Maximum Conductivity
- ▶ Dual Mounting Holes for Superior Contact Integrity
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486B AL9CU Listed for Applications Thru 35KV

Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Color Code	ID	OD	A	A1	B	C	D	E	F	G	Box Qty
93110	1/0 Str.	3/8	Tan	.39	.63	3.50	1.2	.85	.24	.41	.38	1.87	1.00	10
93111	1/0 Str.	1/2	Tan	.39	.63	4.75	1.2	.85	.24	.51	.63	3.12	1.75	20
93112	2/0 Str.	1/2	Olive	.44	.69	4.80	1.3	.94	.24	.51	.63	3.12	1.75	20
93114	3/0 Str.	1/2	Ruby	.48	.76	5.00	1.4	1.03	.28	.51	.63	3.12	1.75	20
93116	4/0 Str.	1/2	White	.55	.84	5.25	1.4	1.15	.29	.51	.63	3.12	1.75	12
93118	250 MCM	1/2	Red	.59	.92	5.31	1.5	1.26	.32	.51	.63	3.12	1.75	12
93120	300 MCM	1/2	Blue	.65	1.01	5.50	1.6	1.37	.35	.51	.63	3.12	1.75	9
93122	350 MCM	1/2	Brown	.72	1.12	5.87	1.9	1.52	.39	.51	.63	3.12	1.75	6
93124	400 MCM	1/2	Green	.76	1.19	6.43	2.3	1.61	.42	.51	.63	3.12	1.75	6
93126	500 MCM	1/2	Pink	.84	1.32	6.50	2.5	1.79	.47	.51	.63	3.12	1.75	6
93128	600 MCM	1/2	Black	.92	1.44	6.75	2.6	1.96	.51	.51	.63	3.12	1.75	4
93130	750 MCM	1/2	Yellow	1.03	1.60	7.37	3.2	2.19	.55	.51	.63	3.12	1.75	4

Aluminum Long Barrel Compression Splices

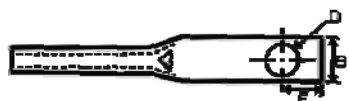


- ▶ AL9CU Listed - for both Aluminum and Copper Conductors
- ▶ Pre-filled with Oxide Inhibitor
- ▶ Made of High-Conductivity Seamless Aluminum
- ▶ Uniform Bright Electro-Tin Plating resists corrosion, reduces Contact Resistance for Maximum Conductivity
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486B AL9CU Listed for Applications Thru 35KV

Dimensions = Inches

Cat. No.	Wire Range	Color Code	ID	OD	Length (L)	Box Qty
93208	8 Str.	Blue	.16	.30	1.38	50
93210	6 Str.	Gray	.20	.34	1.63	50
93212	4 Str.	Green	.25	.44	2.00	30
93214	2 Str.	Pink	.31	.53	2.38	30
93216	1 Str.	Gold	.35	.53	2.38	15
93218	1/0 Str.	Tan	.39	.63	2.50	20
93220	2/0 Str.	Olive	.44	.69	2.63	20
93222	3/0 Str.	Ruby	.48	.76	2.88	15
93224	4/0 Str.	White	.55	.84	3.13	10
93226	250 MCM	Red	.59	.92	3.25	9
93228	300 MCM	Blue	.65	1.01	3.25	9
93230	350 MCM	Brown	.72	1.12	3.88	6
93232	400 MCM	Green	.76	1.19	4.88	6
93234	500 MCM	Pink	.84	1.32	5.00	6
93236	600 MCM	Black	.92	1.44	5.13	4
93238	750 MCM	Yellow	1.03	1.60	5.38	4

Copper Short Barrel 1 Hole Compression Lugs



- ▶ High Conductivity Seamless Copper
- ▶ Electro-Tin Plating Resists Corrosion, reduces Contact Resistance for Maximum Conductivity
- ▶ Single Mounting Hole
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486A Listed for Applications Thru 35KV

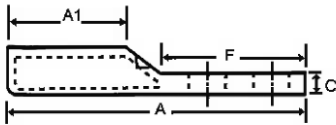
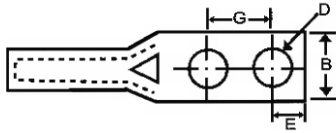
Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Color Code	ID	OD	A	A1	B	C	D	E	F	Box Qty
94010	8 Str.	#10	Red	.173	.272	1.20	.44	.42	.08	.21	.28	.59	80
94012	8 Str.	1/4	Red	.173	.272	1.20	.44	.42	.08	.25	.28	.59	80
94013	8 Str.	5/16	Red	.173	.272	1.20	.44	.42	.08	.33	.28	.59	80
94014	8 Str.	3/8	Red	.173	.272	1.20	.44	.42	.08	.41	.28	.59	80
94016	6 Str.	#10	Blue	.204	.295	1.50	.71	.42	.08	.21	.31	.67	60
94018	6 Str.	1/4	Blue	.204	.295	1.50	.71	.42	.08	.25	.31	.67	60
94020	6 Str.	5/16	Blue	.204	.295	1.50	.71	.42	.08	.33	.31	.67	60
94021	6 Str.	3/8	Blue	.204	.295	1.50	.71	.42	.08	.41	.31	.67	60
94024	4 Str.	#10	Gray	.252	.343	1.50	.71	.49	.08	.21	.31	.67	45
94026	4 Str.	1/4	Gray	.252	.343	1.50	.71	.49	.08	.25	.31	.67	45
94028	4 Str.	5/16	Gray	.252	.343	1.50	.71	.49	.08	.33	.31	.67	45
94030	4 Str.	3/8	Gray	.252	.343	1.50	.71	.56	.08	.41	.31	.67	45
94031	4 Str.	1/2	Gray	.252	.343	1.50	.71	.60	.09	.51	.31	.67	45
94034	2 Str.	1/4	Brown	.315	.421	1.80	.83	.60	.10	.25	.37	.81	25
94036	2 Str.	5/16	Brown	.315	.421	1.80	.83	.60	.10	.33	.37	.81	25
94038	2 Str.	3/8	Brown	.315	.421	1.80	.83	.60	.10	.41	.37	.81	25
94039	2 Str.	1/2	Brown	.315	.421	1.80	.83	.60	.10	.51	.37	.81	25
94042	1 Str.	1/4	Green	.359	.469	1.83	.83	.67	.11	.25	.37	.81	20
94044	1 Str.	5/16	Green	.359	.469	1.83	.83	.67	.11	.33	.37	.81	20
94046	1 Str.	3/8	Green	.359	.469	1.83	.83	.67	.11	.41	.37	.81	20
94047	1 Str.	1/2	Green	.359	.469	1.83	.83	.67	.11	.51	.37	.81	20
94050	1/0 Str.	1/4	Pink	.390	.520	1.83	.83	.74	.13	.25	.37	.81	12
94052	1/0 Str.	5/16	Pink	.390	.520	1.83	.83	.74	.13	.33	.37	.81	12
94054	1/0 Str.	3/8	Pink	.390	.520	1.83	.83	.74	.13	.41	.37	.81	12
94055	1/0 Str.	1/2	Pink	.390	.520	1.83	.83	.74	.13	.51	.37	.81	12
94058	2/0 Str.	1/4	Black	.441	.563	2.24	.94	.81	.12	.25	.47	1.06	10
94060	2/0 Str.	5/16	Black	.441	.563	2.24	.94	.81	.12	.33	.47	1.06	10
94062	2/0 Str.	3/8	Black	.441	.563	2.24	.94	.81	.12	.41	.47	1.06	10
94064	2/0 Str.	1/2	Black	.441	.563	2.24	.94	.81	.12	.51	.47	1.06	10
94066	3/0 Str.	1/4	Orange	.492	.622	2.36	.98	.90	.13	.25	.47	1.06	20
94068	3/0 Str.	5/16	Orange	.492	.622	2.36	.98	.90	.13	.33	.47	1.06	20
94070	3/0 Str.	3/8	Orange	.492	.622	2.36	.98	.90	.13	.41	.47	1.06	20
94072	3/0 Str.	1/2	Orange	.492	.622	2.36	.98	.90	.13	.51	.47	1.06	20
94074	4/0 Str.	1/4	Purple	.547	.689	2.36	.98	1.00	.13	.25	.47	1.06	20
94076	4/0 Str.	5/16	Purple	.547	.689	2.36	.98	1.00	.13	.33	.47	1.06	20
94078	4/0 Str.	3/8	Purple	.547	.689	2.36	.98	1.00	.13	.41	.47	1.06	20
94080	4/0 Str.	1/2	Purple	.547	.689	2.36	.98	1.00	.13	.51	.47	1.06	20
94082	250	3/8	Yellow	.594	.752	2.48	1.06	1.09	.15	.41	.47	1.06	15
94084	250	1/2	Yellow	.594	.752	2.48	1.06	1.09	.15	.51	.47	1.06	15
94086	300	1/2	White	.657	.815	2.49	1.06	1.19	.15	.51	.52	1.06	15
94087	300	5/8	White	.657	.815	2.80	1.06	1.19	.15	.67	.52	1.38	15
94088	350	1/2	Red	.701	.874	2.61	1.10	1.28	.17	.51	.52	1.06	10
94089	350	5/8	Red	.701	.874	2.91	1.10	1.28	.17	.67	.52	1.38	10
94090	400	1/2	Blue	.764	.949	3.08	1.18	1.39	.18	.51	.52	1.38	10
94091	400	5/8	Blue	.764	.949	3.08	1.18	1.39	.18	.67	.52	1.38	10
94094	500	1/2	Brown	.835	1.063	3.28	1.38	1.54	.22	.67	.52	1.38	6
94093	500	5/8	Brown	.835	1.063	3.28	1.38	1.54	.22	.51	.52	1.06	6
94095	600	1/2	Green	.925	1.189	3.50	1.50	1.72	.25	.51	.52	1.46	4
94096	600	5/8	Green	.925	1.189	3.50	1.50	1.72	.25	.67	.69	1.46	4
94098	750	5/8	Black	1.03	1.31	4.37	1.85	1.90	.27	.67	.69	1.85	4
94099	1000	3/4	White	1.15	1.50	5.20	1.93	2.15	.33	.80	.17	1.97	3

Copper Short Barrel 2 Hole Compression Lugs



- ▶ High Conductivity Seamless Copper
- ▶ Electro-Tin Plating Resists Corrosion, reduces Contact Resistance for Maximum Conductivity
- ▶ Dual Mounting Holes
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486A Listed for Applications Thru 35KV



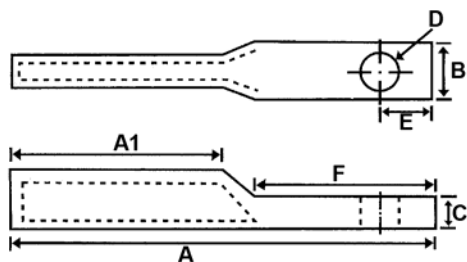
Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Hole Spacing	Color Code	ID	OD	A	A1	B	C	D	E	F	G	Box Qty
94110	8 Str.	#10	5/8	Red	.173	.272	1.82	.44	.42	.08	.21	.28	1.26	.63	50
94112	8 Str.	1/4	5/8	Red	.173	.272	1.82	.44	.42	.08	.25	.28	1.26	.63	50
94114	8 Str.	3/8	1	Red	.173	.272	1.82	.44	.42	.08	.41	.38	1.81	1.00	50
94116	6 Str.	#10	11/16	Blue	.205	.298	2.64	.71	.42	.08	.21	.28	1.26	.63	50
94118	6 Str.	1/4	5/8	Blue	.205	.298	2.64	.71	.42	.08	.25	.28	1.26	.63	50
94120	6 Str.	1/4	1	Blue	.205	.298	2.64	.71	.42	.08	.25	.28	1.81	1.00	50
94122	6 Str.	3/8	1	Blue	.205	.298	2.64	.71	.42	.08	.41	.38	1.81	1.00	50
94124	4 Str.	1/4	5/8	Gray	.252	.342	2.68	.75	.49	.09	.25	.28	1.26	.63	50
94126	4 Str.	1/4	1	Gray	.252	.342	2.68	.75	.49	.09	.25	.28	1.81	1.00	50
94128	4 Str.	5/16	1	Gray	.252	.342	2.68	.75	.49	.09	.33	.38	1.81	1.00	50
94130	4 Str.	3/8	1	Gray	.252	.342	2.68	.75	.49	.09	.41	.38	1.81	1.00	50
94132	2 Str.	1/4	5/8	Brown	.315	.421	2.28	.83	.60	.10	.25	.28	1.26	.63	25
94134	2 Str.	1/4	3/4	Brown	.315	.421	2.36	.83	.60	.10	.25	.28	1.38	.75	25
94136	2 Str.	1/4	1	Brown	.315	.421	2.80	.83	.60	.10	.25	.28	1.81	1.00	25
94138	2 Str.	5/16	3/4	Brown	.315	.421	2.62	.83	.60	.10	.33	.38	1.81	.75	25
94140	2 Str.	3/8	1	Brown	.315	.421	2.83	.83	.60	.10	.41	.38	1.81	1.00	25
94142	2 Str.	1/2	1-3/4	Brown	.315	.421	2.80	.83	.60	.10	.51	.62	2.99	1.75	25
94144	1 Str.	1/4	5/8	Green	.358	.468	2.28	.83	.67	.11	.25	.28	1.26	.63	25
94146	1 Str.	5/16	1	Green	.358	.468	2.28	.83	.67	.11	.33	.38	1.81	1.00	25
94148	1/0	1/4	3/4	Pink	.389	.519	2.64	.83	.74	.12	.25	.28	1.38	.75	10
94150	1/0	5/16	7/8	Pink	.389	.519	2.64	.83	.74	.13	.33	.32	1.62	.87	10
94152	1/0	3/8	1	Pink	.389	.519	2.83	.83	.74	.13	.41	.38	1.81	1.00	10
94154	1/0	1/2	1-3/4	Pink	.389	.519	2.83	.83	.74	.13	.51	.62	2.99	1.75	10
94156	2/0	1/4	3/4	Black	.440	.562	2.99	.94	.81	.11	.25	.28	1.38	.75	10
94158	2/0	5/16	7/8	Black	.440	.562	2.99	.94	.81	.11	.33	.32	1.62	.87	10
94160	2/0	3/8	1	Black	.440	.562	2.99	.94	.81	.11	.41	.38	1.81	1.00	10
94162	2/0	1/2	1-3/4	Black	.440	.562	4.17	.94	.81	.11	.51	.62	2.99	1.75	10
94164	3/0	5/16	1	Orange	.492	.622	3.11	.98	.90	.12	.33	.32	1.81	1.0	10
94166	3/0	3/8	1	Orange	.492	.622	3.11	.98	.90	.12	.41	.38	1.81	1.00	10
94168	3/0	1/2	1-3/4	Orange	.492	.622	4.29	.98	.90	.12	.51	.62	2.99	1.75	10
94170	4/0	5/16	1	Purple	.547	.688	3.11	.98	1.00	.13	.33	.32	1.81	1.00	10
94172	4/0	3/8	1	Purple	.547	.688	3.11	.98	1.00	.13	.41	.38	1.81	1.00	10
94174	4/0	1/2	1-3/4	Purple	.547	.688	4.29	.98	1.00	.13	.51	.62	2.99	1.75	10
94176	250	3/8	1	Yellow	.594	.751	3.22	1.06	1.09	.15	.41	.38	1.81	1.00	10
94178	250	1/2	1-3/4	Yellow	.594	.751	4.41	1.06	1.09	.15	.51	.62	2.99	1.75	10
94180	300	1/2	1-3/4	White	.657	.814	4.41	1.06	1.19	.15	.51	.62	2.99	1.75	10
94182	350	3/8	1	Red	.700	.874	3.35	1.10	1.28	.17	.41	.38	1.81	1.00	10
94184	350	1/2	1-3/4	Red	.700	.874	4.53	1.10	1.28	.17	.51	.62	2.99	1.75	10
94186	400	1/2	1-3/4	Blue	.763	.948	4.69	1.18	1.39	.18	.51	.62	2.99	1.75	10
94188	500	3/8	1	Brown	.838	1.06	3.70	1.38	1.54	.22	.41	.38	1.81	1.00	6
94190	500	1/2	1-3/4	Brown	.838	1.06	4.88	1.38	1.54	.22	.51	.62	2.99	1.75	6
94192	600	3/8	1-3/4	Green	.925	1.18	4.96	1.50	1.72	.25	.51	.62	2.99	1.75	4
94194	600	1/2	1-3/4	Green	.925	1.18	5.04	1.50	1.72	.25	.51	.62	2.99	1.75	4
94196	750	1/2	1-3/4	Black	1.04	1.31	5.51	1.85	1.90	.27	.51	.62	2.99	1.75	4

Copper Long Barrel 1 Hole Compression Lugs



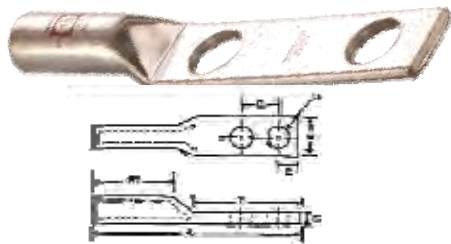
- ▶ High Conductivity Seamless Copper
- ▶ Electro-Tin Plating Resists Corrosion, reduces contact resistance for Maximum Conductivity
- ▶ Single Mounting Hole
- ▶ Long Barrel Accommodates Multiple Crimps
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486A Listed for Applications Thru 35KV



Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Color Code	ID	OD	A	A1	B	C	D	E	F	Box Qty
94210	8 Str.	#10	Red	.173	.271	1.51	.80	.42	.08	.21	.28	.59	50
94211	8 Str.	1/4	Red	.173	.271	1.52	.81	.42	.08	.25	.28	.59	50
94213	6 Str.	#10	Blue	.204(5.2)	.295	1.77	.98	.42	.08	.21	.30	.64	40
94214	6 Str.	1/4	Blue	.204(5.2)	.295	1.77	.98	.42	.08	.25	.30	.67	40
94215	6 Str.	5/16	Blue	.204(5.2)	.295	1.91	.98	.59	.08	.33	.37	.81	40
94216	6 Str.	3/8	Blue	.204(5.2)	.295	1.91	.98	.59	.08	.41	.37	.81	40
94217	4 Str.	#10	Gray	.251(6.4)	.342	1.77	.98	.49	.09	.25	.31	.67	30
94218	4 Str.	1/4	Gray	.251(6.4)	.342	1.77	.98	.49	.09	.25	.29	.65	30
94219	4 Str.	5/16	Gray	.251(6.4)	.342	1.77	.98	.49	.09	.33	.31	.67	30
94220	4 Str.	3/8	Gray	.251(6.4)	.342	1.91	.98	.59	.09	.41	.37	.81	30
94221	2 Str.	1/4	Brown	.314(8.0)	.421	2.07	1.10	.60	.10	.25	.37	.81	15
94222	2 Str.	5/16	Brown	.314(8.0)	.421	2.07	1.10	.60	.10	.33	.37	.81	15
94223	2 Str.	3/8	Brown	.314(8.0)	.421	2.07	1.10	.60	.10	.41	.37	.81	15
94226	1 Str.	5/16	Green	.358(9.1)	.468	2.11	1.10	.67	.11	.33	.37	.81	15
94227	1 Str.	3/8	Green	.358(9.1)	.468	2.21	1.10	.67	.11	.41	.37	.81	15
94230	1/0 Str.	5/16	Pink	.389(9.9)	.519	2.21	1.20	.74	.13	.33	.37	1.06	10
94234	1/0 Str.	3/8	Pink	.389(9.9)	.519	2.20	1.20	.74	.13	.41	.41	1.06	10
94235	1/0 Str.	1/2	Pink	.389(9.9)	.519	2.50	1.20	.74	.13	.51	.47	1.06	10
94238	2/0 Str.	3/8	Black	.440	.562	2.68	1.38	.81	.12	.41	.47	1.06	10
94239	2/0 Str.	1/2	Black	.440	.562	2.68	1.38	.81	.12	.51	.47	1.06	10
94245	3/0 Str.	3/8	Orange	.492	.622	2.80	1.38	.90	.13	.41	.47	1.06	20
94246	3/0 Str.	1/2	Orange	.492	.622	2.80	1.38	.90	.13	.51	.47	1.06	20
94253	4/0 Str.	3/8	Purple	.547	.688	2.80	1.38	.90	.13	.41	.47	1.06	15
94254	4/0 Str.	1/2	Purple	.547	.688	3.23	1.62	1.00	.13	.51	.52	1.06	15
94257	250 MCM	3/8	Yellow	.594	.751	3.03	1.61	1.09	.15	.41	.52	1.06	10
94258	250 MCM	1/2	Yellow	.594	.751	3.03	1.61	1.09	.15	.51	.52	1.06	10
94262	300 MCM	1/2	White	.657	.814	3.39	1.97	1.19	.15	.51	.52	1.06	10
94266	350 MCM	1/2	Red	.700	.874	3.46	1.97	1.28	.17	.51	.52	1.06	8
94267	350 MCM	5/8	Red	.700	.874	3.46	1.97	1.28	.17	.67	.51	1.06	8
94270	400 MCM	1/2	Blue	.763	.948	3.86	1.97	1.39	.18	.51	.51	1.38	6
94274	400 MCM	5/8	Blue	.763	.948	3.86	1.97	1.39	.18	.51	.51	1.38	6
94278	500 MCM	1/2	Brown	.834	1.06	4.13	2.24	1.54	.22	.51	.51	1.38	8
94282	500 MCM	5/8	Brown	.834	1.06	4.13	2.24	1.54	.22	.51	.51	1.38	8
94286	600 MCM	5/8	Green	.925	1.18	4.25	2.24	1.72	.25	.67	.69	1.46	6
94290	750 MCM	5/8	Black	1.03	1.31	5.16	2.64	1.90	.27	.67	.69	1.85	4
94292	1000 MCM	5/8	White	1.15	1.50	5.625	2.87	2.15	.33	.67	.86	1.74	3

Copper Long Barrel 2 Hole Compression Lugs



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Compression
Power Connectors

B6

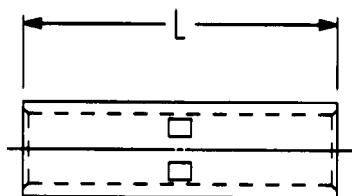
Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Hole Spacing	Color	A	A1	B	C	D	E	F	G	Box Qty
94310	8 Str.	#10	5/8	Red	2.19	.81	.42	.08	.21	.28	1.26	.63	45
94312	8 Str.	1/4	5/8	Red	2.19	.81	.42	.08	.21	.28	1.26	.63	45
94314	8 Str.	3/8	1	Red	2.18	.80	.42	.08	.41	.38	1.81	1.00	45
94315	6 Str.	1/4	1/2	Blue	2.24	.98	.42	.08	.25	.28	1.14	.50	35
94316	6 Str.	1/4	5/8	Blue	2.36	.98	.42	.08	.25	.28	1.26	.63	35
94317	6 Str.	1/4	3/4	Blue	2.48	.98	.42	.08	.25	.28	1.38	.75	35
94319	6 Str.	3/8	1	Blue	2.91	.98	.42	.08	.41	.38	1.81	1.00	35
94320	6 Str.	1/2	1-3/4	Blue	4.09	.98	.87	.12	.51	.62	2.99	1.75	35
94323	4 Str.	1/4	3/4	Gray	2.52	.98	.49	.09	.25	.28	1.38	.75	25
94324	4 Str.	1/4	5/8	Gray	2.36	.98	.49	.09	.25	.28	1.26	.63	25
94325	4 Str.	5/16	1	Gray	2.51	.98	.49	.09	.33	.32	1.61	1.00	30
94327	4 Str.	3/8	1	Gray	2.95	.98	.49	.09	.41	.38	1.81	1.00	30
94326	4 Str.	1/2	1 3/4	Gray	4.09	.98	.87	.12	.51	.62	2.99	1.75	30
94328	2 Str.	1/4	5/8	Brown	2.52	1.10	.60	.10	.25	.28	1.26	.63	30
94329	2 Str.	1/4	3/4	Brown	2.64	1.10	.60	.10	.25	.28	1.38	.75	30
94330	2 Str.	5/16	3/4	Brown	2.87	1.10	.60	.10	.33	.32	1.61	.75	30
94332	2 Str.	5/16	7/8	Brown	2.87	1.10	.60	.10	.33	.32	1.61	.87	20
94333	2 Str.	3/8	1	Brown	3.07	1.10	.60	.10	.41	.38	1.81	1.00	20
94334	2 Str.	1/2	1 3/4	Brown	4.25	1.10	.81	.10	.51	.62	2.99	1.75	20
94338	1 Str.	1/4	5/8	Green	2.56	1.10	.67	.11	.25	.28	1.26	.63	15
94339	1 Str.	1/4	3/4	Green	2.68	1.10	.67	.11	.25	.28	1.38	.75	15
94340	1 Str.	5/16	7/8	Green	2.67	1.10	.67	.11	.33	.32	1.62	.87	30
94341	1 Str.	3/8	7/8	Green	2.93	1.10	.67	.11	.33	.32	1.61	.87	30
94343	1 Str.	3/8	1	Green	3.07	1.10	.67	.11	.41	.38	1.81	1.00	30
94342	1 Str.	1/2	1 3/4	Green	4.29	1.10	.75	.10	.51	.62	2.99	1.75	30
94345	1/0 Str.	1/4	5/8	Pink	3.20	1.20	.74	.13	.25	.28	1.26	.63	25
94346	1/0 Str.	5/16	7/8	Pink	3.01	1.20	.74	.13	.33	.32	1.61	.87	25
94348	1/0 Str.	3/8	1	Pink	3.21	1.20	.74	.13	.41	.38	1.81	1.00	25
94350	1/0 Str.	1/2	1 3/4	Pink	4.63	1.20	.74	.12	.51	.62	2.99	1.75	25
94352	2/0 Str.	1/4	5/8	Black	2.99	1.37	.81	.12	.25	.28	1.26	.63	20
94353	2/0 Str.	1/4	3/4	Black	2.99	1.38	.81	.12	.25	.28	1.38	.75	20
94354	2/0 Str.	3/8	1	Black	3.43	1.38	.81	.12	.41	.38	1.81	1.00	20
94356	2/0 Str.	1/2	1 3/4	Black	4.61	1.38	.81	.12	.51	.62	2.99	1.75	20
94358	3/0 Str.	1/4	3/4	Orange	3.50	1.37	.90	.13	.25	.28	1.38	.75	15
94359	3/0 Str.	5/16	1	Orange	3.50	1.38	.90	.13	.33	.32	1.81	1.00	15
94360	3/0 Str.	3/8	1	Orange	3.50	1.38	.90	.13	.41	.38	1.81	1.00	15
94361	3/0 Str.	3/8	1-3/4	Orange	4.65	1.38	.90	.13	.41	.38	2.99	1.75	20
94362	3/0 Str.	1/2	1 3/4	Orange	4.65	1.38	.90	.13	.51	.62	2.99	1.75	20
94364	4/0 Str.	1/4	3/4	Purple	3.54	1.42	1.00	.13	.25	.28	1.38	.75	12
94366	4/0 Str.	3/8	1	Purple	3.54	1.42	1.00	.13	.41	.38	1.81	1.00	12
94367	4/0 Str.	3/8	1-3/4	Purple	3.54	1.42	1.00	.13	.41	.38	2.99	1.75	20
94368	4/0 Str.	1/2	1 3/4	Purple	4.72	1.42	1.00	.13	.51	.62	2.99	1.75	20
94372	250 MCM	3/8	1	Yellow	3.78	1.61	1.09	.15	.41	.38	1.81	1.00	12
94374	250 MCM	1/2	1 3/4	Yellow	4.96	1.61	1.09	.15	.51	.62	2.99	1.75	15
94377	300 MCM	3/8	1	White	5.31	1.96	1.19	.15	.41	.38	1.81	1.00	12
94378	300 MCM	1/2	1 3/4	White	5.31	1.97	1.19	.15	.51	.62	2.99	1.75	12
94381	350 MCM	3/8	1	Red	4.21	1.97	1.28	.17	.51	.38	1.81	1.00	10
94382	350 MCM	1/2	1 3/4	Red	5.39	1.97	1.28	.17	.51	.62	2.99	1.75	10
94385	400 MCM	3/8	1	Blue	5.47	1.97	1.39	.18	.41	.38	1.81	1.00	10
94386	400 MCM	1/2	1 3/4	Blue	5.47	1.97	1.39	.18	.51	.62	2.99	1.75	10
94389	500 MCM	3/8	1	Brown	4.57	2.24	1.54	.22	.41	.38	1.81	1.00	8
94390	500 MCM	1/2	1 3/4	Brown	5.75	2.24	1.54	.22	.51	.62	2.99	1.75	8
94393	600 MCM	3/8	1	Green	4.61	2.24	1.72	.25	.41	.38	1.81	1.00	6
94394	600 MCM	1/2	1 3/4	Green	5.79	2.24	1.72	.25	.51	.62	2.99	1.75	6
94397	750 MCM	3/8	1	Black	5.12	2.64	1.90	.27	.41	.38	1.81	1.00	4
94398	750 MCM	1/2	1 3/4	Black	6.30	2.64	1.90	.27	.51	.62	2.99	1.75	4
94399	1000 MCM	1/2	1 3/4	White	7.125	3.16	2.16	.34	.51	.62	3.06	1.75	1

Copper Short Barrel Compression Splices



- ▶ High Conductivity Seamless Copper
- ▶ Electro-Tin Plating Resists Corrosion, reduces Contact Resistance for Maximum Conductivity
- ▶ Beveled Entry for Easy Insertion
- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
- ▶ UL 486A Listed for Applications Thru 35KV



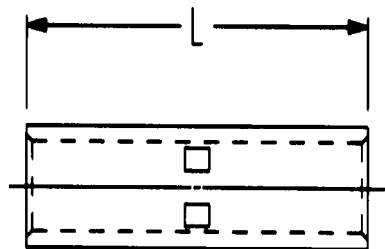
Dimensions = Inches

Cat. No.	Wire Range	Color Code	ID	OD	Length	Box Qty
94410	8 Str.	Red	.172	.272	1.06	80
94412	6 Str.	Blue	.203	.297	1.73	60
94414	4 Str.	Gray	.250	.344	1.73	45
94416	2 Str.	Brown	.315	.422	1.85	25
94418	1 Str.	Green	.360	.469	1.85	20
94420	1/0 Str.	Pink	.390	.520	1.85	15
94422	2/0 Str.	Black	.441	.563	2.01	10
94424	3/0 Str.	Orange	.492	.622	2.13	20
94426	4/0 Str.	Purple	.547	.688	2.13	20
94428	250 MCM	Yellow	.594	.750	2.24	20
94430	300 MCM	White	.658	.813	2.24	18
94432	350 MCM	Red	.700	.875	2.36	15
94434	400 MCM	Blue	.764	.949	2.52	10
94436	500 MCM	Brown	.835	1.063	2.87	6
94438	600 MCM	Green	.925	1.188	2.87	4
94440	750 MCM	Black	1.03	1.31	3.39	3

Copper Long Barrel Compression Splices



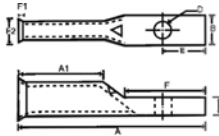
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Dimensions = Inches

Cat. No.	Wire Range	Color Code	ID	OD	Length	Box Qty
94510	8 Str.	Red	.172	.272	1.75	60
94512	6 Str.	Blue	.203	.297	1.75	40
94514	4 Str.	Gray	.250	.344	1.75	25
94516	2 Str.	Brown	.315	.422	1.90	18
94518	1 Str.	Green	.360	.469	2.20	15
94520	1/0 Str.	Pink	.390	.520	2.20	10
94522	2/0 Str.	Black	.441	.563	2.25	20
94524	3/0 Str.	Orange	.492	.622	2.25	16
94526	4/0 Str.	Purple	.547	.688	2.75	12
94528	250 MCM	Yellow	.594	.750	3.25	12
94530	300 MCM	White	.658	.813	3.50	9
94532	350 MCM	Red	.700	.875	3.75	6
94534	400 MCM	Blue	.764	.949	3.75	6
94536	500 MCM	Brown	.835	1.063	4.25	6
94538	600 MCM	Green	.925	1.188	4.50	4
94540	750 MCM	Black	1.03	1.31	4.75	4
94542	1000 MCM	White	1.15	1.50	7.00	1

Flex Cable Short Barrel 1 Hole Compression Lugs



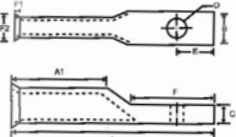
**New!
Available
January 2015**

- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, reduces Contact Resistance for Maximum Conductivity
- Flared/Belled Entry for Easy Insertion of Fine Strand Flexible Cable - Class G, H, I, K(Battery), M(Welding), DLO
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Color Code	COMM	ASTM Class H	Welding Class M	DLO	A	A1	B	C	D	E	F	F1	F2	Box Qty
94602	8	#10	Red	8	10	10	-	1.20	.44	.42	.08	.21	.28	.59	.12	.32	50
94606	6	1/4	Blue	6	8	8	(61)	1.50	.71	.42	.08	.25	.30	.67	.16	.34	50
94610	4	5/16	Gray	4	6	6	(105)	1.50	.71	.49	.08	.33	.31	.67	.16	.42	50
94614	2	5/16	Brown	2	4	4	(125)	1.80	.83	.60	.10	.33	.37	.81	.18	.49	25
94618	1	5/16	Green	1	2	2	(150)	1.83	.83	.67	.11	.33	.37	.81	.18	.53	25
94622	1/0	3/8	Pink	1/0	1	1	(225)	1.83	.83	.74	.13	.41	.37	.81	.18	.56	10
94626	2/0	1/2	Black	2/0	1/0	1/0	1/0(275)	2.24	.94	.81	.12	.51	.47	1.06	.24	.64	10
94630	3/0	1/2	Orange	3/0	2/0	-	2/0(325)	2.36	.98	.90	.13	.51	.47	1.06	.24	.72	10
94634	4/0	1/2	Purple	4/0	3/0	2/0	3/0(450)	2.36	.98	1.00	.13	.51	.47	1.06	.26	.77	10
94636	250	1/2	Yellow	250	-	3/0	4/0(550)	2.48	1.06	1.09	.15	.51	.47	1.06	.26	.84	10
94637	300	1/2	White	300	4/0	4/0	262.6	2.49	1.06	1.19	.15	.51	.52	1.06	.31	.94	10
94638	300	5/8	White	300	4/0	4/0	262.6	2.80	1.06	1.19	.15	.67	.52	1.38	.31	.94	10
94639	350	1/2	Red	350	250	250	313.1	2.61	1.10	1.28	.17	.51	.52	1.06	.33	1.02	10
94640	350	5/8	Red	350	250	250	313.1	2.91	1.10	1.28	.16	.67	.52	1.38	.33	1.02	10
94641	400	1/2	Blue	400	300	300	350	3.08	1.18	1.39	.18	.51	.52	1.38	.38	1.08	10
94642	400	5/8	Blue	400	300	300	350	3.08	1.18	1.39	.18	.67	.52	1.38	.38	1.08	10
94643	500	1/2	Brown	500	350	350	373.3	3.28	1.38	1.54	.22	.51	.52	1.38	.35	1.20	10
94644	500	5/8	Brown	500	350	350	373.3	3.28	1.38	1.54	.22	.67	.52	1.38	.35	1.20	10
94646	600	5/8	Green	600	400	400	444.4	3.50	1.50	1.72	.25	.67	.69	1.46	.38	1.34	6
94647	750	5/8	Black	750	600	500	-	4.37	1.85	1.90	.27	.67	.69	1.85	.43	1.47	3

Flex Cable Long Barrel 1 Hole Compression Lugs



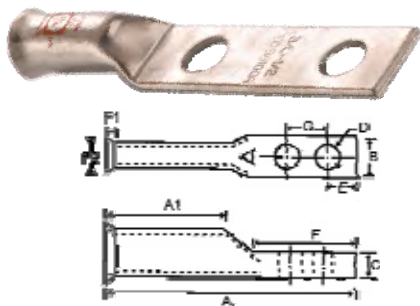
**New!
Available
January 2015**

- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, reduces Contact Resistance for Maximum Conductivity
- Flared/Belled Entry for Easy Insertion of Fine Strand Flexible Cable - Class G, H, I, K(Battery), M(Welding), DLO
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

Dimensions = Inches

Cat. No.	Wire Range	Stud Size	Color Code	COMM	ASTM Class H	Welding Class M	DLO	A	A1	B	C	D	E	F	F1	F2	Box Qty
94650	8	1/4	Red	8	10	10	-	1.52	.81	.42	.08	.25	.28	.59	.12	.32	50
94652	6	#10	Blue	6	8	8	(61)	1.77	.98	.42	.08	.21	.30	.67	.15	.34	50
94653	6	1/4	Blue	6	8	8	(61)	1.77	.98	.42	.08	.25	.30	.67	.15	.34	50
94656	4	10	Gray	4	6	6	(105)	1.77	.98	.49	.09	.21	.31	.67	.16	.42	50
94657	4	1/4	Gray	4	6	6	(105)	1.77	.98	.49	.09	.25	.31	.67	.16	.42	50
94659	4	5/16	Gray	4	6	6	(105)	1.77	.98	.49	.09	.33	.31	.67	.16	.42	50
94661	2	5/16	Brown	2	4	4	(125)	2.07	1.10	.60	.10	.33	.37	.81	.18	.49	25
94663	1	5/16	Green	1	2	2	(150)	2.11	1.10	.67	.11	.33	.37	.81	.15	.53	25
94665	1/0	5/16	Pink	1/0	1	1	(225)	2.21	1.20	.74	.13	.33	.37	1.06	.18	.56	10
94666	1/0	3/8	Pink	1/0	1	1	(225)	2.21	1.20	.74	.13	.41	.37	1.06	.18	.56	10
94667	1/0	1/2	Pink	1/0	1	1	(225)	2.50	1.20	.74	.13	.51	.47	1.06	.18	.56	10
94668	2/0	3/8	Black	2/0	1/0	1/0	1/0(275)	2.68	1.38	.81	.12	.41	.47	1.06	.24	.64	10
94669	2/0	1/2	Black	2/0	1/0	1/0	1/0(275)	2.68	1.38	.81	.12	.51	.47	1.06	.24	.64	10
94671	3/0	1/2	Orange	3/0	2/0	-	2/0(325)	2.80	1.38	.90	.13	.51	.47	1.06	.24	.72	10
94674	4/0	1/2	Purple	4/0	3/0	2/0	3/0(450)	2.80	1.42	1.00	.13	.51	.52	1.06	.26	.77	10
94676	250	1/2	Yellow	250	-	3/0	4/0(550)	3.03	1.61	1.09	.15	.51	.52	1.06	.26	.64	10
94677	300	1/2	White	300	4/0	4/0	262.6	3.39	1.97	1.19	.15	.51	.52	1.06	.31	.94	10
94678	350	1/2	Red	350	250	250	313.1	3.46	1.97	1.28	.17	.51	.52	1.06	.53	1.02	10
94679	350	5/8	Red	350	250	250	313.1	3.46	1.97	1.28	.17	.67	.51	1.06	.53	1.02	10
94680	400	1/2	Blue	400	300	300	350	3.86	1.97	1.39	.18	.51	.51	1.38	.33	1.08	10
94681	400	5/8	Blue	400	300	300	350	3.86	1.97	1.39	.18	.67	.51	1.38	.33	1.08	10
94683	500	5/8	Brown	500	350	350	373.3	4.13	2.24	1.54	.22	.67	.51	1.38	.35	1.20	10
94684	600	5/8	Green	600	400	400	444.4	4.25	2.24	1.72	.25	.67	.69	1.46	.38	1.34	6
94685	750	5/8	Black	750	600	500	-	5.16	2.64	1.90	.27	.67	.69	1.85	.43	1.47	3

Flex Cable Long Barrel 2 Hole Compression Lugs



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- ▶ Color Coded Die Index and Crimp Marks Printed on Barrel
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New! Available January 2015

Dimensions = Inches

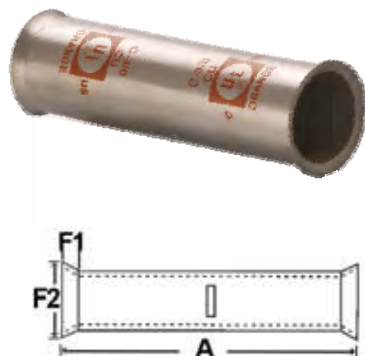
Cat. No.	Wire Range	Stud Size	Hole Space	Color Code	COMM	ASTM Class H	Welding Class M	DLO	A	A1	B	C	D	E	F	G	F1	F2	Box Qty
94702	8	1/4	5/8	Red	8	10	10	-	2.19	.81	.42	.08	.25	.28	1.26	.63	.12	.32	50
94703	6	1/4	5/8	Blue	6	8	8	(61)	2.36	.98	.42	.08	.25	.28	1.26	.63	.16	.34	50
94705	6	1/4	3/4	Blue	6	8	8	(61)	2.48	.98	.42	.08	.25	.28	1.38	.75	.16	.34	50
94706	6	3/8	1	Blue	6	8	8	(61)	2.91	.98	.42	.08	.41	.38	1.81	1.00	.16	.34	50
94707	6	1/2	1-3/4	Blue	6	8	8	(61)	4.09	.98	.87	.12	.51	.62	2.99	1.75	.16	.34	50
94708	4	1/4	5/8	Gray	4	6	6	(105)	2.36	.98	.49	.09	.25	.28	1.26	.63	.16	.42	50
94709	4	1/4	3/4	Gray	4	6	6	(105)	2.52	.98	.49	.09	.25	.28	1.38	.75	.16	.42	50
94710	4	3/8	1	Gray	4	6	6	(105)	2.95	.98	.42	.09	.41	.38	1.81	1.00	.16	.42	50
94711	4	1/2	1-3/4	Gray	4	6	6	(105)	4.09	.98	.87	.12	.51	.62	2.99	1.75	.16	.42	50
94712	2	1/4	5/8	Brown	2	4	4	(125)	2.52	1.10	.60	.10	.25	.28	1.26	.63	.18	.40	25
94713	2	1/4	3/4	Brown	2	4	4	(125)	2.64	1.10	.60	.10	.25	.28	1.38	.75	.18	.40	25
94716	2	3/8	1	Brown	2	4	4	(125)	3.07	1.10	.60	.10	.41	.38	1.81	1.00	.18	.40	25
94717	2	1/2	1-3/4	Brown	2	4	4	(125)	4.25	1.10	.81	.10	.51	.62	2.99	1.75	.18	.40	25
94718	1	1/4	5/8	Green	1	2	2	(150)	2.56	1.10	.67	.11	.25	.28	1.26	.63	.18	.53	25
94719	1	1/4	3/4	Green	1	2	2	(150)	2.68	1.10	.67	.11	.25	.28	1.38	.75	.18	.53	25
94721	1	3/8	1	Green	1	2	2	(150)	3.07	1.10	.67	.11	.41	.38	1.81	1.00	.18	.53	25
94722	1	1/2	1-3/4	Green	1	2	2	(150)	4.29	1.10	.75	.10	.51	.62	2.99	1.75	.18	.53	25
94725	1/0	1/2	1-3/4	Pink	1/0	1	1	(225)	4.63	1.20	.74	.12	.51	.62	2.99	1.75	.18	.56	10
94726	2/0	1/4	3/4	Black	2/0	1/0	1/0	1/0(275)	2.99	1.38	.81	.12	.25	.28	1.38	.75	.24	.64	10
94727	2/0	3/8	1	Black	2/0	1/0	1/0	1/0(275)	3.43	1.38	.81	.12	.41	.38	1.81	1.00	.24	.64	10
94728	2/0	1/2	1-3/4	Black	2/0	1/0	1/0	1/0(275)	4.61	1.38	.81	.12	.51	.62	2.99	1.75	.24	.64	10
94730	3/0	3/8	1	Orange	3/0	2/0	-	2/0(325)	3.50	1.38	.90	.13	.41	.38	1.81	1.00	.24	.72	10
94732	3/0	1/2	1-3/4	Orange	3/0	2/0	-	2/0(325)	4.65	1.38	.90	.13	.51	.62	2.99	1.75	.24	.72	10
94733	4/0	3/8	1	Purple	4/0	3/0	2/0	3/0(450)	3.54	1.42	1.00	.13	.41	.38	1.81	1.00	.26	.77	10
94734	4/0	1/2	1-3/4	Purple	4/0	3/0	2/0	3/0(450)	4.72	1.42	1.00	.13	.51	.62	2.99	1.75	.26	.77	10
94735	250	3/8	1	Yellow	250	-	3/0	4/0(550)	3.78	1.61	1.09	.15	.41	.38	1.81	1.00	.28	.80	10
94736	250	1/2	1-3/4	Yellow	250	-	3/0	4/0(550)	4.96	1.61	1.09	.15	.51	.62	2.99	1.75	.28	.80	10
94737	300	1/2	1-3/4	White	300	4/0	4/0	262.6	5.31	1.97	1.19	.15	.51	.62	2.99	1.75	.31	.84	10
94738	350	3/8	1	Red	350	250	250	313.1	4.21	1.97	1.28	.17	.41	.38	1.81	1.00	.31	.94	10
94739	350	1/2	1-3/4	Red	350	250	250	313.1	5.39	1.97	1.28	.17	.51	.62	2.99	1.75	.31	.94	10
94740	400	1/2	1-3/4	Blue	400	300	300	350	5.47	1.97	1.39	.18	.51	.62	2.99	1.75	.33	1.08	10
94741	500	3/8	1	Brown	500	350	350	373.3	4.57	2.24	1.54	.22	.41	.38	1.81	1.00	.35	1.20	10
94742	500	1/2	1-3/4	Brown	500	350	350	373.3	5.75	2.24	1.54	.22	.51	.62	2.99	1.75	.35	1.20	10
94744	600	1/2	1-3/4	Green	600	400	400	444.4	5.79	2.24	1.72	.25	.51	.62	2.99	1.75	.39	1.34	6
94746	750	1/2	1-3/4	Black	750	600	500	-	6.30	2.64	1.90	.27	.51	.62	2.99	1.75	.43	1.47	3

Flex Cable Short Barrel Compression Splices



New! Available January 2015

Dimensions = Inches

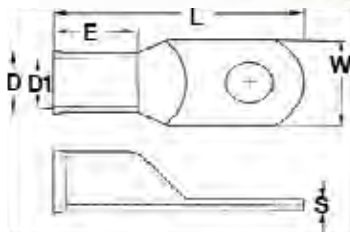


Cat. No.	Conductor Range	Color Code	COMM	ASTM Class H	Welding Class M	DLO	Length (A)	F1	F2	Box Qty
94750	8	Red	8	10	10	-	.90	.12	.32	50
94751	6	Blue	6	8	8	(61)	1.00	.16	.34	50
94752	4	Gray	4	6	6	(105)	1.00	.16	.42	50
94753	2	Brown	2	4	4	(125)	1.25	.18	.19	25
94754	1	Green	1	2	2	(150)	1.80	.18	.53	25
94755	1/0	Pink	1/0	1	1	(225)	1.60	.18	.56	10
94756	2/0	Black	2/0	1/0	1/0	1/0(275)	1.75	.24	.64	10
94757	3/0	Orange	3/0	2/0	-	2/0(325)	1.75	.24	.72	10
94758	4/0	Purple	4/0	3/0	2/0	3/0(450)	1.90	.26	.77	10
94759	250	Yellow	250	-	3/0	4/0(550)	2.00	.26	.84	10
94760	300	White	300	4/0	4/0	262.6	2.10	.31	.94	10
94761	350	Red	350	250	250	313.1	2.10	.33	1.02	10

Copper Tubular Lugs



- ▶ DC Battery, Solar and AC Electrical Applications
- ▶ High Conductivity Seamless Tubular Copper
- ▶ Electro Tin Plated
- ▶ Flared Belled Barrel
- ▶ 105°C 600V
- ▶ UL & cUL Listed



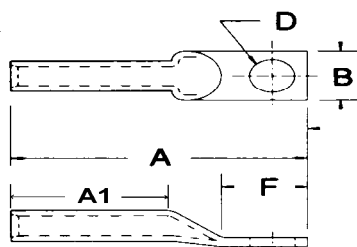
Dimensions = Inches

Cat. No.	Wire AWG	Stud Size d2	W	d1	D	L	E	S	Box Qty
92002	6	3/8	.55	.230	.307	1.33	.354	.067	25
92004	4	3/8	.55	.287	.358	1.40	.394	.071	25
92006	2	3/8	.65	.339	.433	1.71	.630	.091	25
92008	2	1/2	.75	.339	.433	1.71	.630	.091	25
92010	1/0	3/8	.75	.417	.512	1.85	.630	.098	25
92012	1/0	1/2	.75	.417	.512	1.85	.630	.098	25
92014	2/0	3/8	.83	.461	.563	2.05	.728	.102	25
92016	2/0	1/2	.83	.461	.563	2.05	.728	.102	25
92018	3/0	3/8	.91	.520	.622	2.24	.669	.110	25
92020	3/0	1/2	.91	.520	.622	2.24	.669	.110	25
92022	4/0	3/8	1.00	.559	.677	2.32	.669	.118	25
92024	4/0	1/2	1.00	.559	.677	2.32	.669	.118	25

Meter Socket Lugs



- ▶ Uses 840 common dies - One Die Installs All Sizes
- ▶ For Meter Pan and General Applications
- ▶ Accepts both Aluminum and Copper Conductors
- ▶ Made of High Conductivity Aluminum
- ▶ Connector Barrel is Coated with Oxide Inhibiting Compound
- ▶ Tin Plated
- ▶ Marked with Conductor Sizes and Die References
- ▶ Meets or Exceeds Class A requirements of ANSI C119.4



Dimensions = Inches

Cat. No.	Wire Size—Aluminum or Copper Wire Size				Stud Size D	A	A1	B	F
	Concentric	Compressed	Compact	Solid					
93902	6	6	6	-	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93904	4	4	4	-	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93906	2	2	2 & 1	1	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93910	1/0	1/0	2/0	2/0	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93912	2/0	2/0	3/0	3/0	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93914	2/0	2/0	3/0	3/0	1/2	3 1/4	1 3/8	1 15/16	1 5/16
93916	3/0	3/0	4/0	-	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93920	4/0	4/0	250	-	3/8	3 1/4	1 3/8	1 15/16	1 5/16
93922	4/0	4/0	250	-	1/2	3 1/4	1 3/8	1 15/16	1 5/16

Insulated Service Entrance Compression Splices - 5/8" Die



For Standard Conductors

- Meets or Exceeds Requirements of ANSI C119.4 Class A-3, when properly Installed on Aluminum to Aluminum or Aluminum to Copper Conductors
- High Conductivity Aluminum Splices have Solid Center Barriers and Large Chamfers to ease cable insertion
- Pre-filled with Oxide Inhibitor compound
- Tough Stabilized Nylon Sleeves resist installation tool pressure, providing reliable 600 volt insulation
- Color Coded End Caps and Marked with catalog numbers, strip lengths, installation die references and compression locations
- RUS Approved, ANSI C119.4 Compliant

Dimensions = Inches

2-25/32" Length 5/8" Die														
		CONDUCTOR A						CONDUCTOR B						
		AL OR CU						AL OR CU						
Cat. No.	Model#	Color	ACSR	Str	Sol	Dia. Max	Dia. Min	Color	Sol	Str	ACSR	Dia. Max	Dia. Min	Box Qty
90696	UGG 88	Green	-	#8	#6	.162	.144	Green	#6	#8	-	.162	.144	100
90691	UBBR 61	Blue	#6	#6	#4	.204	.184	Brown	#8	#10	-	.128	.114	100
90692	UBG 68							Green	#6	#8	-	.162	.144	100
90694	UBB 66							Blue	#4	#6	#6	.204	.184	100
90685	UOBR 41							Brown	#8	#10	-	.128	.114	100
90686	UOG 48	Orange	#4	#4	#2	.258	.213	Green	#6	#8	-	.162	.144	100
90690	UOB 46							Blue	#4	#6	#6	.204	.184	100
90688	UOO 44							Orange	#2	#4	#4	.258	.213	100
90676	URBR 21							Brown	#8	#10	-	.128	.114	100
90677	URG 28	Red	#2	#1 & #2	-	.328	.268	Green	#6	#8	-	.162	.144	100
90684	URB 26							Blue	#4	#6	#6	.204	.184	100
90678	URO 24							Orange	#2	#4	#4	.258	.213	100
90680	URR 22							Red	-	#1 & #2	#2	.328	.268	100
90671	UYG 08	Yellow	1/0	1/0	-	.398	.368	Green	#6	#8	-	.162	.144	100
90673	UYB 06							Blue	#4	#6	#6	.204	.184	100
90674	UYO 04							Orange	#2	#4	#4	.258	.213	100
90672	UYR 02							Red	-	#1 & #2	#2	.328	.268	100
90675	UYU 00							Yellow	-	1/0	1/0	.398	.368	100

Insulated Service Entrance Compression Splices - 840 Series Die



For Heavy-Duty Overhead Services

- Meets or Exceed Requirements of ANSI C119.4 Class A-3, when properly Installed on Aluminum to Aluminum or Aluminum to Copper Conductors
- High Conductivity Aluminum Splices have Solid Center Barriers and Large Chamfers to ease cable insertion
- Pre-filled with Oxide Inhibitor compound
- Tough Stabilized Nylon Sleeves resist installing tool pressure, providing reliable 600 volt insulation
- Color Coded End Caps and Marked with catalog numbers, strip lengths, installation die references & compression locations
- RUS Approved, ANSI C119.4 Compliant

5-1/2" Length 840 Series Die												
		CONDUCTOR A					CONDUCTOR B					
		AL OR CU					AL OR CU					
Cat. No.	Model#	Color	ACSR	Str.	Compr.	Compt.	Color	ACSR	Str.	Compr.	Compt.	Box Qty
91228	X1N202	Gray	2/0	2/0	2/0	3/0	Red	#2	#1	#1	1/0	25
91229	X1N2010						Yellow	1/0	1/0	1/0	2/0	25
90668	X1N2020						Gray	2/0	2/0	2/0	3/0	25
91232	X1N302	Black	3/0	3/0	3/0	4/0	Red	#2	#1	#1	1/0	25
91237	X1N402						Red	#2	#1	#1	1/0	25
91238	X1N4010						Yellow	1/0	1/0	1/0	2/0	25
90669	X1N4040	Pink	4/0	4/0	4/0	250	Pink	4/0	4/0	4/0	250	25

Uninsulated Service Entrance Splices - 5/8" Die



For Standard Conductors

- ▶ Meets or Exceed Requirements of ANSI C119.4 Class A-3, when properly Installed on Aluminum to Aluminum or Aluminum to Copper Conductors
- ▶ High Conductivity Aluminum Splices have Solid Center Barriers and Large Chamfers to Ease Cable Insertion
- ▶ Pre-filled with Oxide Inhibitor compound
- ▶ Marked with strip lengths, installation die references & compression locations
- ▶ RUS Approved, ANSI C119.4 Compliant

2" Length 5/8" Die										
		CONDUCTOR A				CONDUCTOR B				
		AL OR CU				AL OR CU				
Cat. No.	Model#	Color	ACSR	Str	Sol	Color	ACSR	Str	Sol	Box Qty
91204	U1B66	Blue	#6 (6/1)	-	#4	Blue	#6 (6/1)	-	#4	5
91208	U1B44	Orange	#4 (6/1,7/1)	-	#2	Orange	#4 (6/1,7/1)	-	#2	100
91212	U1B22	Red	#2 (6/1,7/1)	#1 & #2	#1	Red	#2 (6/1,7/1)	#1 & #2	#1	100
91213	U1B24					Orange	#4 (6/1,7/1)	-	#2	5
91217	U1B1010	Yellow	1/0 (6/1)	1/0	#21	Yellow	1/0 (6/1)	1/0	-	5
91218	U1B102					Red	#2 (6/1,7/1)	#1 & #2	#1	100
91219	U1B104					Orange	#4 (6/1,7/1)	-	#2	100
91220	U1B106					Blue	#6 (6/1)	-	#4	100
91221	U1B108					Green	-	#8	#6	100

Uninsulated Service Entrance Splices - 840 Series Die



For Large Residential
& Commercial Service Drops

- ▶ Meets or Exceed Requirements of ANSI C119.4 Class A-3, when properly Installed on Aluminum to Aluminum or Aluminum to Copper Conductors
- ▶ High Conductivity Aluminum Splices have Solid Center Barriers and Large Chamfers to Ease Cable Insertion
- ▶ Pre-filled with Oxide Inhibitor compound
- ▶ Marked with strip lengths, installation die references & compression locations
- ▶ RUS Approved, ANSI C119.4 Compliant

4" Length 840 Series Die												
		CONDUCTOR A					CONDUCTOR B					
		AL OR CU					AL OR CU					
Cat. No.	Model#	Color	ACSR	Str.	AL Solid	CU Solid	Color	ACSR	Str.	AL Solid	CU Solid	Box Qty
91242	X1U1010	Yellow	1/0	1/0	1/0, 2/0	-	Yellow	1/0	1/0	1/0, 2/0	-	25
91244	X1U2020	Gray	2/0	2/0	3/0	-	Gray	2/0	2/0	3/0	-	25
91246	X1U3030	Black	3/0	3/0	4/0	-	Black	3/0	3/0	4/0	-	25
91248	X1U4040	Pink	4/0	4/0	-	-	Pink	4/0	4/0	-	-	25
91250	X1U336	Brown	336.4 (18/1)	300-350	397.5-400	-	Brown	336.4	300-350	397.5-400	-	25

Uninsulated Semi-Tension Neutral Compression Splices



- ▶ Designed to Develop 40% of the Conductors Rated Strength
- ▶ Meets or Exceed Requirements of ANSI C119.4 Class A-3, when properly Installed on Aluminum to Aluminum or Aluminum to Copper Conductors
- ▶ High Conductivity Aluminum Splices have Solid Center Barriers and Large Chamfers to Ease Cable Insertion
- ▶ Pre-filled with Oxide Inhibitor compound
- ▶ Marked with strip lengths, installation die references & compression locations
- ▶ Common Die Series

Semi-Tension Neutral Splice 4-1/4" Length Common Die						
		CONDUCTOR A		CONDUCTOR B		
		AL OR CU		AL OR CU		
Cat. No.	Model#	ACSR	Str	ACSR	Str	Box Qty
91252	SNG 66	#6	#6	#6	#6	150
91253	SNG 44	#4	#4	#4	#4	150
91254	SNG 22	#2	#2	#2	#2	150
91255	SNG 00	1/0	1/0	1/0	1/0	150
91256	SNG 46	#4	#4	#6	#6	150
91257	SNG 24	#2	#2	#4	#4	150
91258	SNG 02	1/0	1/0	#2	#2	150
91259	SNG 26	#2	#2	#6	#6	150
91260	SNG 11	#1	#1	#1	#1	150

Stranded Bi-Metallic Pin Terminal Connectors

Dimensions = Inches



- ▶ Stranded Copper Pin
- ▶ All-Aluminum Pin Terminal designed for Termination of both Aluminum and Copper conductors - Tin Plated (*90642 rated for aluminum cables only)
- ▶ Barrel is Pre-Filled with Oxide Inhibitor
- ▶ Die Index and Crimp Marks on Barrel
- ▶ Supplied with EPDM insulating cover
- ▶ Rated 600 volt

Cat. No.	Wire Size	Pin Size	O.D.	I.D.	Pin Dia.	Total Length	Pin Length	Body Length	Color Code	Inner Box	Outer Box
*90642	6	8	.639	.186	.144	2.13	.875	1.25	Tan	50	-
90644	4	6	.630	.236	.188	2.45	.913	1.54	Tan	25	250
90646	2	4	.641	.311	.228	2.44	.913	1.52	Tan	25	250
90648	1	3	.630	.350	.279	2.54	1.00	1.53	Tan	25	250
90650	1/0	2	.900	.366	.287	3.41	1.26	2.14	Tan	10	100
90652	2/0	1	.900	.429	.322	3.34	1.25	2.09	White	10	100
90654	3/0	1/0	.900	.484	.362	3.60	1.46	2.14	White	10	100
90655	4/0	2/0	.900	.547	.405	3.52	1.46	2.05	White	10	100
90658	250 MCM	3/0	1.16	.653	.440	3.86	1.55	2.30	Brown	10	100
90660	300 MCM	4/0	1.16	.653	.523	4.09	1.70	2.39	Brown	10	100
90661	350 MCM	4/0	1.16	.700	.496	4.08	1.70	2.38	Brown	10	100
90663	400 MCM	250	1.33	.759	.582	4.36	1.98	2.38	Pink	10	100
90664	500 MCM	350	1.33	.759	.681	4.19	1.84	2.35	Pink	10	100
90666	600 MCM	350	1.50	.921	.688	4.96	1.90	3.05	Yellow	3	30
90667	750 MCM	500	1.50	1.02	.787	5.01	2.00	3.02	Yellow	3	30

Straight Solid Pin Terminal Connectors

Dimensions = Inches



- ▶ Straight Solid Pin
- ▶ All-Aluminum Pin Terminal designed for Termination of both Aluminum and Copper conductors - Tin Plated
- ▶ Barrel is Pre-Filled with Oxide Inhibitor
- ▶ Die Index and Crimp Marks on Barrel
- ▶ Supplied with EPDM insulating cover
- ▶ Rated 600 volt

Cat. No.	Wire Size	Pin Size	O.D.	I.D.	Pin Dia.	Total Length	Pin Length	Body Length	Color Code	Inner Box	Outer Box
90970	6	4	.598	.220	.240	1.85	.681	1.17	Tan	25	250
90971	4	4	.598	.236	.240	1.85	.681	1.17	Tan	25	250
90972	2	4	.598	.299	.240	1.84	.680	1.16	Tan	25	250
90973	1	3	.598	.318	.250	1.99	.830	1.16	Tan	10	100
90974	1/0	2	.598	.370	.290	1.99	.830	1.16	Tan	10	100
90975	2/0	1	.850	.429	.330	2.20	.830	1.37	White	10	100
90976	3/0	1/0	.850	.476	.370	2.59	1.22	1.37	White	10	100
90977	4/0	2/0	.850	.476	.370	2.59	1.22	1.37	White	10	100
90978	250 MCM	3/0	1.09	.594	.460	2.62	1.22	1.40	Brown	10	100
90979	300 MCM	4/0	1.09	.653	.530	2.73	1.33	1.40	Brown	10	100
90980	350 MCM	250	1.09	.716	.570	2.73	1.33	1.40	Brown	10	100
90981	400 MCM	300	1.31	.763	.620	3.07	1.59	1.48	Pink	10	100
90982	500 MCM	350	1.31	.826	.680	3.07	1.59	1.48	Pink	10	100
90983	600 MCM	400	1.46	.921	.720	3.67	1.64	2.03	Yellow	3	30
90984	750 MCM	500	1.46	1.03	.810	3.78	1.75	2.03	Yellow	3	30

Offset Solid Pin Terminal Connectors

Dimensions = Inches



- ▶ Offset Solid Pin
- ▶ All-Aluminum Pin Terminal designed for Termination of both Aluminum and Copper conductors - Tin Plated
- ▶ Barrel is Pre-Filled with Oxide Inhibitor
- ▶ Die Index and Crimp Marks on Barrel
- ▶ Supplied with EPDM insulating cover
- ▶ Rated 600 volt

Cat. No.	Wire Size	Pin Size	O.D.	I.D.	Pin Dia.	Total Length	Pin Length	Body Length	Color Code	Inner Box	Outer Box
90985	2/0	1	.850	.440	.330	2.69	1.12	1.57	White	10	100
90986	3/0	1/0	.850	.500	.370	2.80	1.25	1.55	White	10	100
90987	4/0	2/0	.850	.547	.420	2.78	1.27	1.51	White	10	100
90988	250 MCM	3/0	1.09	.594	.460	2.78	1.27	1.51	Brown	10	100
90989	300 MCM	4/0	1.09	.657	.530	3.08	1.46	1.62	Brown	10	100
90990	350 MCM	250	1.09	.704	.570	3.08	1.46	1.62	Brown	10	100
90991	400 MCM	300	1.31	.763	.620	3.38	1.68	1.70	Pink	10	100
90992	500 MCM	350	1.31	.842	.680	3.38	1.68	1.70	Pink	10	100
90993	600 MCM	400	1.46	.821	.720	3.99	1.72	2.27	Yellow	3	30
90994	750 MCM	500	1.46	1.03	.810	4.18	1.72	2.46	Yellow	3	30

Anti-Oxidant



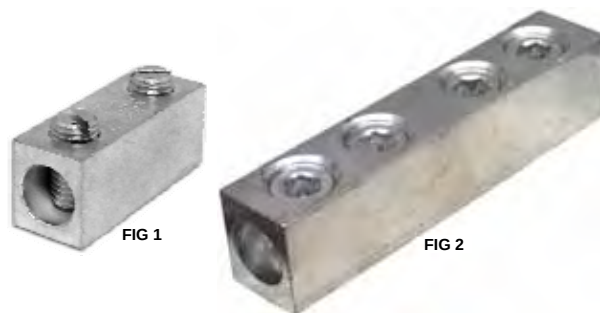
- ▶ For AL/AL and AL/CU Wire Connections and Aluminum conduit joint threads
- ▶ For Use with all types of pressure type wire connectors including Compression, Screw-on, tap, Service Entrance and Split Bolts
- ▶ Carrier Material excludes air to prevent further oxidation
- ▶ Reduces Corrosion, Galling and Seizing
- ▶ Promotes Good Ground Continuity through the joint
- ▶ Improves Efficiency & Service Life of Aluminum Electrical Connections
- ▶ Temperature Range: -40°F to 302°F (-40°C to 150°C), 600 Volt
- ▶ Provides Additional Inter-strand and Inter-conductor Current Paths for improved conductivity and cooler connections
- ▶ Suspended Zinc Particles penetrate and Reduce Aluminum Oxidation

Cat. No.	Size	Case Qty
99901	1 ounces	1
99904	4 ounces	12
99908	8 ounces	12

Dual Rated Aluminum Mechanical Splices



UL486B LISTED
AL9CU



- ▶ Manufactured from High Strength 6061-T6 Aluminum Alloy to ensure both Maximum Strength and Conductivity
- ▶ Dual Rated for both Copper and Aluminum Conductors and Electro-Tin Plated for Low Contact Resistance and Protection against Corrosion
- ▶ Assembly can be made with only a Screwdriver or Allen wrench and Connectors are re-usable
- ▶ Rated 600V 194°F (90°C)
- ▶ 90612-90614 have slotted screws
- ▶ UL486B LISTED AL9CU

Dimensions = Inches

Cat. No.	Awg	Fig	Wire Range	Length	Width	Height	Box Qty
90612	2	1	2 - 14	1.12	.44	.50	50
90614	1/0	1	1/0 - 14	1.50	.53	.63	25
90615	2/0	1	2/0 - 8	1.59	.56	.70	25
90616	250	2	4/0-250MCM - 6	3.94	1.00	1.13	10
90617	250	1	4/0-250MCM - 6	2.00	.84	1.10	10
90618	350	2	350MCM - 6	4.34	1.00	1.13	10
90620	500	2	500MCM - 3/0	4.19	1.36	1.50	3
90624	750	2	750MCM - 250MCM	6.06	1.53	1.75	1

Dual Rated Aluminum Mechanical Turn-Prevent Lugs



- ▶ Set Screw Connectors with a Turn Prevent on the bottom of the tang to eliminate potential movement/Torquing of the connector
- ▶ Made of 6061-T6 Aluminum Alloy
- ▶ Tin Plated for low contact resistance & Corrosion Protection
- ▶ Suitable for use with both copper & aluminum conductors
- ▶ Rated 600V



UL486B LISTED
AL9CU



Dimensions = Inches

Cat. No.	Fig	Wire Range	Dimensions			Mtg Hole	Turn Prevent to Mtg Hole Center	Box Qty
			Length	Width	Height			
91310	1	2 - 14	1.06	.50	.50	.25	.500	100
91311	1	1/0-14	1.47	.63	.81	.25	.500	50
91312	1	2/0 - 14	1.468	.625	.781	.256	.406	50
91314	1	300 - 6	2.000	.984	1.125	.437	.492	24
91316	1	350 - 6	2.250	1.125	1.250	.344	.406	20
91317	1	500 - 2	2.500	1.375	1.812	.375	.875	6
91318	1	600 - 2	3.125	1.500	1.562	.531	.625	6
2 Conductor - 1 Mounting Hole								
91320	2	350 - 6	2.25	1.92	1.30	.406	.492	8
91322	2	600 - 2	3.18	2.41	1.51	.531	.625	4

Dual Rated Aluminum Transformer Lug Kits



- ▶ 6061-T6 AL9CU UL486B Dual Rated Aluminum Mechanical Lugs
- ▶ Yellow Chromate Zinc Plated Steel Bolts, Nuts & Washers
- ▶ Captive Conical Washers or Belleville Washers
- ▶ Suitable for use with Copper or Aluminum Conductors
- ▶ Rated 600 Volt

Dimensions = Inches

Cat. No.	Transformer KVA Rating		Connectors		Wire Range		Bolts		Nuts		Washers	
			Qty	Part #	Min	Max	Qty	Bolt Size	Qty	Nut	Qty	Washer
90791	15-37.5	1 Ø	8	90714	#14	#2	8	1/4-20 X 3/4"	8	1/4-20	-	Captive To Nut
90792	50-75	1 Ø	12	90720	#6	250	8	1/4-20 X 3/4"	16	1/4-20	-	Captive To Nut
	75-112.5	3 Ø					8	1/4-20 X 2"				
90793	100-167	1 Ø	3	90720	#6	250	3	1/4-20 X 3/4"	3	1/4-20	-	Captive To Nut
90794	100-167	1 Ø	6	90818	#4	350	5	1/2-13 X 3"	11	1/2-13	22	1/2" Flat
	150-300	3 Ø	7	90822	300	800	6	1/2-13 X 2.5"			11	1/2" Belleville
90795	400-500	3 Ø	15	90822	300	800	7 4	1/2-13 X 2" 1/2-13 X 2.5"	11	1/2-13	22 11	1/2" Flat 1/2" Belleville
90796	500	3 Ø	29	90726	#2	600	18	3/8-16 X 2"	18	3/8-16	36 18	3/8" Flat 3/8" Belleville

Dual Rated Aluminum Mechanical Lugs

- ▶ Manufactured from High Strength 6061-T6 Aluminum Alloy to insure both Maximum Strength and Conductivity
- ▶ Dual Rated for both Copper and Aluminum Conductors
- ▶ Electro-Tin Plated for Low Contact Resistance and Protection against Corrosion
- ▶ Assembly can be made with only a Screwdriver or Allen Wrench
- ▶ Connectors are Re-Usable
- ▶ NEMA Standard 1-3/4" Center Hole Spacing
- ▶ Rated 600V 194°F (90°C)
- ▶ 90712-90718 & 90812-90814 have slotted screws
- ▶ UL486B LISTED AL9CU



FIG 1



FIG 2



FIG 3



FIG 4



FIG 5



FIG 6



FIG 7

Dimensions = Inches

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Bolt	Box Qty
ONE CONDUCTOR - ONE HOLE MOUNT								
90712	6	1	6STR. - 14SOL.	1.06	0.38	0.50	0.27	100
90714	2	1	2STR. - 14SOL.	1.16	0.50	0.56	0.27	100
90716	1/0	1	1/0STR. - 14SOL.	1.34	0.53	0.69	0.27	50
90718	2/0	1	2/0STR. - 14SOL.	1.47	0.56	0.75	0.27	50
90720	250	2	250MCM - 6SOL.	1.94	0.82	1.00	0.33	25
90722	350	2	350MCM - 6SOL.	2.12	0.90	1.09	0.41	10
90724	500	2	500MCM - 4SOL.	2.75	1.38	1.50	0.41	10
90726	600	2	600MCM - 2SOL.	2.75	1.38	1.50	0.41	10
90728	800	2	800MCM - 300MCM	3.25	1.44	1.69	0.66	3
90729	1000	2	1000MCM - 350MCM	3.25	1.69	1.88	0.63	3

Dimensions = Inches

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Bolt	Box Qty
ONE CONDUCTOR - TWO HOLE MOUNT								
90731	300	3	300MCM - 6SOL.	4.00	.93	1.12	0.56	6
90732	350	3	350MCM - 6SOL.	4.25	.99	1.13	0.56	3
90733	500	3	500MCM - 4SOL.	4.65	1.20	1.41	0.50	1
90734	600	3	600MCM - 2SOL.	4.65	1.38	1.51	0.56	3
90735	800	3	800MCM - 300MCM	4.75	1.44	1.69	0.56	1
90736	1000	3	1000MCM - 500MCM	4.94	1.69	1.88	0.56	1
ONE CONDUCTOR - TWO HOLE MOUNT - SLOTTED MOUNTING HOLE								
90741	250	4	250MCM - 6SOL.	3.88	.88	1.02	0.50	50
90742	350	4	350MCM - 6SOL.	4.25	.99	1.13	0.56	25
90744	500	4	500MCM - 4SOL.	4.65	1.20	1.41	0.56	12

Dimensions = Inches

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Bolt	Box Qty
TWO CONDUCTORS - ONE HOLE MOUNT								
90812	1/0	5	1/0STR. - 14SOL.	1.34	1.12	0.69	0.28	25
90814	2/0	5	2/0STR. - 14SOL.	1.47	1.19	0.75	0.28	12
90816	250	6	250MCM - 6SOL.	1.94	1.72	1.00	0.41	8
90818	350	6	350MCM - 6SOL.	2.12	1.88	1.09	0.56	6
90820	600	6	600MCM - 2SOL.	3.19	2.41	1.56	0.56	3
90822	800	6	800MCM - 300MCM	3.38	2.93	1.94	0.66	3
90824	1000	6	1000MCM - 350MCM	3.50	3.50	1.94	0.66	3
TWO CONDUCTORS - TWO HOLE MOUNT								
90841	250	7	250MCM - 6SOL.	3.88	1.63	1.02	0.56	3
90842	350	7	350MCM - 6SOL.	4.25	1.92	1.13	0.56	3
90844	600	7	600MCM - 2SOL.	4.65	2.41	1.51	0.56	3
90845	800	7	800MCM - 1/0STR.	4.75	2.75	1.69	0.56	3
90847	1000	7	1000MCM - 500MCM	4.94	3.19	1.88	0.56	3

Dual Rated Aluminum Mechanical Lugs



UL486B LISTED
AL9CU



MORRIS

Dimensions = Inches



FIG 8



FIG 9



FIG 10



FIG 11



FIG 12



FIG 13

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Bolt	Box Qty
THREE CONDUCTORS - TWO & FOUR HOLE MOUNT								
90852	250	8	250MCM - 6SOL.	4.00	2.81	1.19	0.56	3
90854	350	8	350MCM - 6SOL.	4.31	3.00	1.38	0.56	1
90857	500	8	500MCM - 4SOL.	4.65	3.48	1.41	0.50	1
90858	600	8	600MCM - 4SOL.	4.50	3.75	1.56	0.56	1
90860	800	8	800MCM - 300MCM	4.75	4.50	1.75	0.56	1
90862	1000	8	1000MCM - 500MCM	4.75	4.50	1.75	0.56	1

FOUR CONDUCTORS - FOUR HOLE MOUNT								
90872	250	9	250MCM - 6SOL.	3.88	3.30	1.02	0.56	1
90874	350	9	350MCM - 6SOL.	4.25	3.92	1.13	0.56	1
90875	500	9	500MCM - 4SOL.	4.65	4.63	1.41	0.50	1
90876	600	9	600MCM - 4SOL.	4.65	5.00	1.51	0.56	1
90878	800	9	800MCM - 300MCM	4.75	5.38	1.69	0.56	1
90880	1000	9	1000MCM - 500MCM	4.94	6.19	1.88	0.56	1

Dimensions = Inches

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Bolt	Box Qty
ONE CONDUCTOR - TWO HOLE MOUNT								
90941	600	10	600MCM - 4SOL.	5.50	1.38	1.51	0.56	3
90942	800	10	800MCM - 300MCM	5.75	1.44	1.69	0.56	3
90944	1000	10	1000MCM - 500MCM	6.19	1.69	1.88	0.56	3

TWO CONDUCTORS - TWO HOLE MOUNT								
90950	350	11	350MCM - 6SOL.	5.25	1.92	1.13	0.50	3
90951	600	11	600MCM - 4SOL.	5.19	2.59	1.56	0.56	3
90952	1000	11	1000MCM - 350MCM	6.19	3.50	1.88	0.56	3

Dimensions = Inches

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Bolt	Box Qty
THREE CONDUCTORS - TWO & FOUR HOLE MOUNT								
90961	600	12	600MCM - 4SOL.	5.19	3.94	1.56	0.56	1
90962	800	12	800MCM - 300MCM	5.75	4.06	1.69	0.50	1
90963	1000	12	1000MCM - 350MCM	6.19	4.69	1.88	0.50	1

FOUR CONDUCTORS - FOUR HOLE MOUNT								
90964	250	13	250MCM - 6SOL.	5.0	3.30	1.02	0.56	1
90966	600	13	600MCM - 4SOL.	5.50	5.00	1.51	0.56	1
90967	800	13	800MCM - 300MCM	5.75	5.38	1.69	0.50	1
90968	1000	13	1000MCM - 350MCM	6.18	6.19	1.88	0.50	1

Dual Rated Aluminum Mechanical Panel Board Lugs



Fig 1



Fig 2



Fig 3



Fig 4

Dimensions = Inches

Cat. No.	AWG	Fig	Wire Range	Length	Width	Height	Hole Space	Bolt	Box Qty
PANELBOARD LUGS - 2 CONDUCTORS									
90912	300	1	300MCM - 6SOL.	3.00	1.00	2.00	-	0.31	1
90914	600	2	600MCM - 3/0STR.	4.91	1.50	3.00	1.38	0.41	3
90916	750	2	750MCM - 3/0STR.	4.91	1.50	3.00	1.38	0.41	3

PANELBOARD LUGS - 3 CONDUCTORS									
90918	600	3	600MCM - 3/0STR.	4.91	2.50	3.00	1.38	0.41	1
90920	750	3	750MCM - 3/0STR.	4.91	2.63	3.00	1.38	0.41	1

PANELBOARD LUGS - 4 CONDUCTORS									
90924	600	4	600MCM - 3/0STR.	4.91	2.50	3.00	1.38	0.41	1
90926	750	4	750MCM - 3/0STR.	4.91	2.63	3.00	1.38	0.41	1

**Mechanical
Power Connectors**

B16

Copper Mechanical Lugs



- Solid One-Piece Copper Connector made from Extruded or Stamped Electrolytic Copper for Superior Mechanical Strength and Excellent Electrical Performance
- Steel Slotted or Allen-Head Screw
- Suitable for use with Copper wire only
- Rated 600V



FIG 1



FIG 2



FIG 3



FIG 4

Dimensions = Inches

Cat. No.	Fig	Wire Range	Bolt Size	Dimensions			Pad Thickness	Screw Type	Box Qty
				Length	Width	Height			
Extruded Copper - Straight Tang									
90560	1	6 - 14	1/4-28	1.020	.40	.375	3/32"	1/4" Hex Head	100
90562	1	4 - 14	1/4-28	1.075	.44	.45	3/32"	1/4" Hex Head	100
90564	1	2 - 14	5/16-24	1.125	.48	.458	1/8"	1/4" Hex Head	50
90566	1	1/0 - 14	7/16-20	1.277	.66	.548	1/8"	1/4" Hex Head	50
90568	1	4/0 - 2	5/8-18	1.950	.95	.812	7/32"	1/4" Hex Head	10
90593	2	350 MCM - 6	.56	2.00	1.92	1.12	3/16"	5/16" Hex Head	15
Copper - Straight & Round Tang									
90506	3	6—14	1/2-24	1.02	.40	.375	1/16	Slotted	100
90507	3	4 - 14	5/16-24	1.075	.444	.45	3/32	Slotted	100
90550	4	8 - 14	3/16	13/16	3/8	3/8	5/64	Slotted	100
90552	4	4 - 14	1/4	1-1/8	1/2	3/32	3/32	Slotted	100
90554	4	1/0 - 8	5/16	1 1/2	3/4	3/4	3/32	1/4" Hex Head	50
90556	4	250 MCM - 6	3/8	1-15/16	15/16	1-1/16	1/8	1/4" Hex Head	25

Copper Mechanical Off-Set Lugs



- Manufactured from High Strength Pure Electrolytic Copper to insure both Maximum Strength and Conductivity
- Arched Pressure bar and V-bottom collar positions the wire for Positive Contact and Maximum Reliability
- Steel Plated Screws/Bolts prevent rusting
- Easy to Install with screwdriver, wrench or pliers
- Copper Finish
- Rated 600 Volts



FIG 1



FIG 2

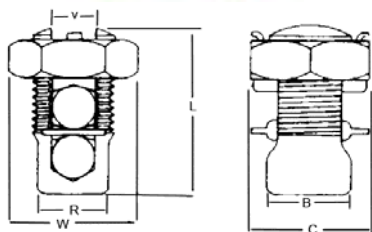
Dimensions = Inches

Cat. No.	Fig	Amp Rating	Wire Range	Length	Width	Height	Hole Size	Box Qty
Single Conductor Off-Set								
90514	1	35A	6 - 14	1.19	0.38	0.5	0.25	100
90515	1	70A	4 - 14	1.31	0.50	0.56	0.28	100
90516	1	90A	2 - 12	1.55	0.50	.65	0.34	50
90518	1	125A	1/0 - 8	1.97	0.63	.88	0.28	50
90520	1	175A	3/0 - 4	2.19	0.75	1.03	0.50	25
90522	1	225A	4/0 - 6	2.38	1.00	1.17	0.56	25
90524	1	300A	350 MCM - 1/0	3.16	1.00	1.39	0.94	18
90526	1	400A	500 MCM - 4/0	4.25	1.50	1.57	1.00	3
90528	1	650A	1000 MCM - 600 MCM	4.63	2.00	2.34	0.69	1
Two Conductor Off-Set								
90532	2	450A	4/0 - 2	3.38	1.50	.940	.41	6
90534	2	600A	350 MCM -1/0	3.63	1.75	1.18	.41	6
90536	2	800A	500 MCM -1/0	4.44	2.00	1.41	.53	3

Copper Split Bolt Connectors - Direct Burial



- ▶ UL listed for Copper and Copper Weld stranded wires only
- ▶ Manufactured from Compact, High Strength, High Copper Content Alloy
- ▶ Free Running Threads and Easy To Grip Wrench Flats
- ▶ Highly resistant to cracking and corrosion
- ▶ Provides a Maximum Pressure and ensures a Secure Connection on all combinations of connectors
- ▶ UL 467 Listed for Direct Burial & Grounding/Bonding Applications
- ▶ Rated 600 Volts



**UL467 Listed
Suitable For
Direct Burial &
Grounding/Bonding**

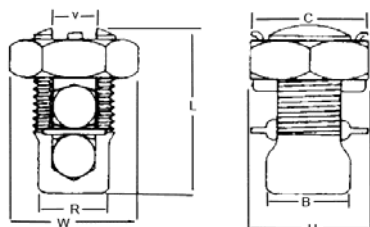
Dimensions = Inches

Cat. No.	Awg	Max Run To Max Tap	Min Run To Min Tap	Max Run To Min Tap	Min Equal Tap & Run	Torque In-Lb	B	C	L	R	V	W	Box Qty
90314	8	8-8	10-16	8-16	10-10	88	.472	.562	.854	.413	.145	.650	100
90316	6	4-4	8-14	4-14	8-8	165	.492	.625	.906	.413	.165	.722	100
90318	4	4-4	6-14	4-14	8-8	165	.709	.812	1.16	.579	.268	.938	50
90319	3	3-3	6-6	3-12	6-6	225	.600	.750	1.50	.600	.260	.750	50
90320	2	2-2	6-14	2-14	6-6	275	.748	.812	1.26	.614	.326	.938	50
90322	1/0	1/0-1/0	2-14	1/0-14	4-4	385	.787	.937	1.54	.708	.374	1.08	50
90324	2/0	2/0-2/0	1-14	2/0-14	2-2	385	.866	1.06	1.69	.807	.421	1.28	25
90326	3/0	3/0-3/0	2/0-8	3/0-8	1-1	500	1.10	1.25	2.09	.976	.531	1.45	25
90328	4/0-250	250-250	4/0-8	250-8	1-1	500	1.10	1.25	2.09	1.06	.579	1.45	25
90330	350	350-350	350-1/0	350-1/0	2/0-2/0	650	1.22	1.50	2.36	1.18	.700	1.73	12
90332	500	500-500	500-2/0	500-2/0	300-300	825	1.34	1.75	2.84	1.34	.815	2.10	12
90334	750	750-750	750-350	750-#8	350-350	1000	1.94	2.31	3.51	1.94	1.02	2.31	1
90335	1000	1000-1000	1000-500	1000-#8	500-500	1150	2.19	2.56	3.90	2.19	1.17	2.56	1

Copper Split Bolt Connectors - With Spacer - Direct Burial



- ▶ UL listed for Copper and Copper Weld stranded wires only
- ▶ Manufactured from Compact, High Strength, High Copper Content Alloy
- ▶ Uniform Bright Electro-Tin Plating resists corrosion, Reduces Contact Resistance for Maximum Conductivity
- ▶ Spacer Separates Dissimilar Conductors and provides Enhanced Surface Contact Area preventing intermittent contact between run & tap connectors
- ▶ Free Turning Threads and easy to grip wrench flats
- ▶ Highly resistant to cracking and corrosion
- ▶ UL 467 Listed for Direct Burial & Grounding/Bonding Applications
- ▶ Rated for 600 Volts



**UL467 Listed
Suitable For
Direct Burial &
Grounding/Bonding**

Dimensions = Inches

Cat. No.	Awg	Max Run To Max Tap	Min Run To Min Tap	Max Run To Min Tap	Min Equal Tap & Run	Torque In-Lb	B	C	H	L	R	V	W	Box Qty
90360	3/0	3/0-3/0	2/0-8	3/0-8	1-1	500	1.10	1.25	1.520	2.20	.976	.531	1.45	25
90362	4/0-250	250-250	4/0-8	250-8	1-1	500	1.10	1.25	1.574	2.22	1.06	.579	1.45	25
90364	350	350-350	350-1/0	350-1/0	2/0-2/0	650	1.22	1.50	1.771	2.56	1.18	.700	1.73	12
90366	500	500-500	500-2/0	500-2/0	300-300	825	1.34	1.75	1.968	2.95	1.34	.815	2.10	12

Dual Rated Split Bolts - Direct Burial

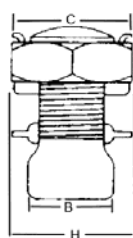
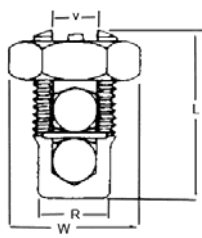
UL486B LISTED
AL9CU



FIG 1



FIG 2



**UL467 Listed
Suitable For
Direct Burial &
Grounding/Bonding**

- ▶ UL 486B AL9CU listed for all combinations of Aluminum, Aluminum to Copper, and Copper to Copper stranded wires
- ▶ UL 467 Listed for Direct Burial & Grounding/Bonding Applications
- ▶ 90412-90420 Manufactured from Copper Alloy, 90422-90426 manufactured from Aluminum Alloy
- ▶ Uniform bright Electro-Tin Plating resists corrosion, reduces contact resistance and gives you Maximum Conductivity
- ▶ Spacer Separates Dissimilar Conductors and provides Enhanced Surface Contact Area preventing intermittent contact between run & tap connectors
- ▶ Free turning threads and easy to grip wrench flats
- ▶ Highly resistant to cracking and corrosion
- ▶ Anti-Oxidant is recommended for all aluminum terminations
- ▶ Rated for 600 Volts

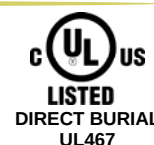
Dimensions = Inches

Cat. No.	Fig	Awg	Max Run To Max Tap	Min Run To Min Tap	Max Run To Min Tap	Min Equal Tap & Run	Temp Rating	Torque In-Lb	B	C	H	L	R	V	W	Box Qty
90412	1	6	4-4	8-14	4-14	8-8	75°C	165	.492	.625	.830	1.06	.413	.165	.722	100
90414	1	4	4-4	6-14	4-14	8-8	75°C	165	.709	.812	1.04	1.24	.579	.268	.938	50
90416	1	2	2-2	6-14	2-14	6-6	75°C	275	.748	.812	1.13	1.44	.614	.326	.938	50
90418	1	1/0	1/0-1/0	2-14	1/0-14	4-4	75°C	385	.787	.937	1.25	1.73	.708	.374	1.08	50
90420	1	2/0	2/0-2/0	1-14	2/0-14	2-2	75°C	385	.866	1.06	1.30	1.71	.807	.421	1.23	25
90422*	2	4/0	4/0-4/0	2-6	4/0-6	-	90°C	500	1.17	1.50	1.13	2.75	1.17	.560	1.73	30
90424*	2	350	350-350	1/0-4	350-4	-	90°C	650	1.66	1.68	1.48	2.99	1.50	.696	1.93	12
90426*	2	500	500-500	400-2	500-2	-	90°C	825	1.95	2.10	1.70	3.29	1.71	.850	2.30	12

* Not Direct Burial Rated

Service Post Connectors - One & Two Wire

- ▶ Used To Ground One or Two Wires to Steel Structures, Transformers, Fence Posts, Steel Bar or Plate
- ▶ Lay-In Feature is Perfect for Continuous Loop Grounding Applications
- ▶ High Strength Electrolytic Copper
- ▶ UL 467 Listed for Direct Burial & Grounding/Bonding Applications in Earth or Concrete

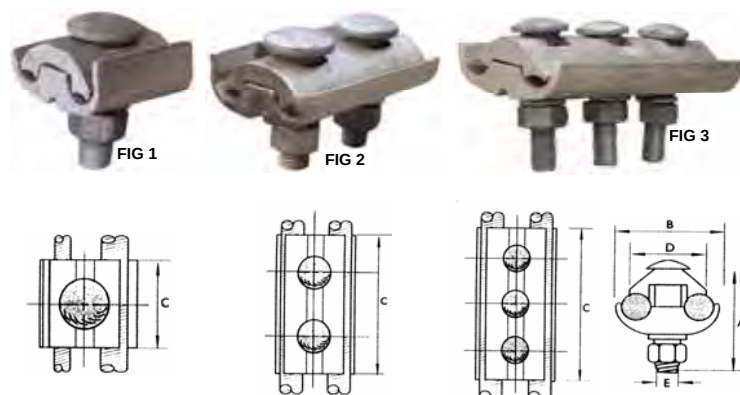


New! Available
January 2015

Dimensions = Inches

Cat. No.	Awg	Wire Range	Overall Length	Exposed Length	External Thread	Internal Thread	Box Qty
1 Wire							
90368	8	#14 - #8	1.69	.69	3/8" x 24	1/4" x 20	25
90369	6	#8 - #6	1.89	.89	1/2" x 20	1/4" x 20	25
90370	4	#10 - #4	1.95	.95	9/16" x 18	5/16" x 18	25
90371	2	#10 - #2	2.19	1.06	5/16" x 18	3/8" x 16	25
90372	1	#8 - #1	2.21	1.08	11/16" x 16	1/2" x 13	25
90373	2/0	#4 - 2/0	2.59	1.32	3/4" x 16	1/2" x 13	10
90374	3/0	#2 - 3/0	2.69	1.44	7/8" x 14	1/2" x 13	5
90375	4/0	#1 - 4/0	3.21	1.71	1-1/8" x 12	5/8" x 11	5
2 Wire							
90380	8	(2) #14 - (2) #8	1.81	.81	3/8" x 24	1/4" x 20	25
90381	6	(2) #10 - (2) #6	1.97	.98	7/16" x 20	1/4" x 20	25
90382	4	(2) #12 - (2) #4	2.17	1.18	1/2" x 20	5/16" x 18	25
90383	2	(2) #12 - (2) #2	2.38	1.26	9/16" x 18	3/8" x 16	25
90384	1	(2) #2 - (2) #1	2.52	1.40	11/16" x 16	1/2" x 13	10
90385	1/0	(2) #10 - (2) 1/0	2.93	1.69	3/4" x 16	1/2" x 13	10
90386	2/0	(2) #10 - (2) 2/0	3.15	1.88	7/8" x 14	1/2" x 13	5
90387	4/0	(2) #10 - (2) 4/0	3.76	2.25	1-1/8" x 11	5/8" x 11	5

Aluminum Parallel Groove Clamps



- Use for Heavy Duty Service Entrance or Distribution Armored Rod Clamps
- Manufactured from Thermally Treated Extruded Aluminum Alloy
- High Electrical Conductivity, High Strength and Corrosion Resistance
- The set screw, lock washer and nut are hot dip galvanized
- All sizes are pre-filled with antioxidant inhibitor

Dimensions = Inches

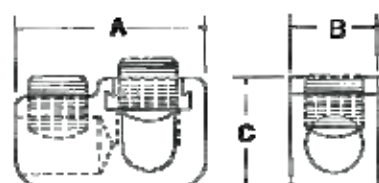
Cat. No.	Figure	Main (Groove A)			Tap (Groove B)			Inches					Inner Box Qty	Outer Box Qty
		CU-AL	ACSR	Wire Diameter	CU-AL	ACSR	Wire Diameter	A	B	C	D	E		
96012	1	10-1/0	6-1/0	.102-.398	10-2	6-2	.102-.325	1.50	1.50	1.24	1.14	.394	50	100
96016	1	10-2/0	6-1/0	.098-.417	10-2/0	6-1/0	.098-.417	1.50	1.50	1.24	1.14	.394	50	100
96020	1	1/0-4/0	1/0-4/0	.373-.563	8-1/0	6-1/0	.128-.398	1.97	1.89	1.46	1.50	.394	50	100
96022	2	1/0-4/0	1/0-4/0	.373-.563	8-1/0	6-1/0	.128-.398	1.97	1.89	2.91	1.50	.394	25	25
96024	1	1/0-397.5	1/0-336.4	.373-.720	6-2/0	6-1/0	.162-.417	2.36	2.24	1.67	1.67	.394	50	100
96026	2	1/0-397.5	1/0-336.4	.373-.720	6-2/0	6-1/0	.162-.417	2.36	2.24	2.91	1.67	.394	-	50
96028	1	397.5-400	397.5	.728-.740	397.5-400	397.5	.728-.740	2.36	2.56	1.57	1.97	.472	-	50
96030	2	397.5-400	397.5	.728-.740	397.5-400	397.5	.728-.740	2.36	2.56	3.15	1.97	.472	-	25
96032	3	397.5-400	397.5	.728-.740	397.5-400	397.5	.728-.740	2.36	2.56	4.61	1.97	.472	-	15

Aluminum Parallel & Tee Tap Connectors



- Dual rated for both copper and aluminum conductors and electro tin plated to provide low contact resistance and protection against corrosion
- Manufactured from high strength 6061-T6 aluminum alloy to ensure both maximum strength and conductivity
- Dual entry wire holes allow for Parallel or Tee Tap connectors
- Assembly can be made with only a screwdriver or allen wrench
- Re-usable
- Rated 90°C
- 600 Volt

Dimensions = Inches



Cat. No.	AWG	Main Wire	Tap Wire	A	B	C	Box Qty
91012	2	2-12	4-14	1.39	0.63	0.88	50
91014	1/0	1/0-2	1/0-14	1.75	0.75	1.00	25
91016	250-1/0	250-1/0	1/0-14	2.25	1.00	1.31	25
91018	250	250-1/0	250-6	2.00	1.00	1.31	12
91020	350	350-4/0	350-6	2.56	1.25	1.44	12
91022	500	500-350	500-2	3.13	1.38	1.75	12
91023	750	750-500	500-2	3.38	1.50	2.00	6

Aluminum Parallel & Tee Tap Covers



- Flexible covers allow for either parallel or 'T' tap wire entry
- Secure snap eliminates the need for taping
- Rated 90°C 600 volt

Dimensions = Inches

Cat. No.	AWG	Cover Color	L	W	H	Box Qty
91112	2	Yellow	2-7/32	1-9/32	1-7/64	12
91114	1/0	Gray	2-5/8	2-5/32	1-1/4	12
91116	250	Red	3-7/16	2-7/8	1-5/8	12
91118	350	Yellow	3-3/4	3-3/16	1-3/4	12
91120	500	Blue	4-3/8	3-5/16	2-3/32	12
91122	750	Orange	4-5/8	3-7/16	2-11/32	12

Copper C-Taps



FIG 1



FIG 2

**UL467 Listed &
CSA C22.2 No.41
Suitable For Direct Burial
& Grounding/Bonding**



- Applications include Copper to Copper Tapping, Splicing or Stub/Pigtail
- High Strength Electrolytic Copper
- Allows for 2 Continuous Parallel Conductors
- Compact Size & Range Taking

Dimensions = Inches

Cat. No.	Fig	Die Color	Conductor		Dimensions					Box Qty
			RUN	TAP	Strip L	L	W (ID)	H	T	
91802	1	Red	14 12	16-14 16-12	1/2	.32	.18	.16	.07	275
91803	1	Blue	10 8	10 12	5/8	.61	.32	.36	.07	275
91804	1	Gray	6 8	10-12 8-10	5/8	.61	.32	.43	.07	200
91805	1	Brown	4 6	8-10-12 6-8	1-1/4	1.17	.41	.43	.07	150
91806	1	Green	4 4	6-8-10-12 6	1-1/4	1.17	.45	.52	.07	100
91807	1	Pink	4	4	1-1/4	1.17	.49	.54	.07	100
91808	1	Black	2 4	4 4	2	1.75	.53	.64	.07	100
91809	1	Orange	1/0 1 2	4 4 2	2	1.75	.61	.71	.09	50
91810	1	Purple	2/0 1/0	4 2	2	1.75	.69	.77	.09	30
91811	1	Yellow	3/0 2/0 1/0	2-3-4 1-2 1/0-1	1	1.75	.81	1.07	.09	30

Dimensions = Inches

Cat. No.	Fig	Die Color	Conductor		Dimensions					Box Qty
			RUN	TAP	Strip L	L	W (ID)	H	T	
91812	2	Blue	1 1/0 2/0 3/0 4/0	1 1/0-2 2/0-4 1/0-6 1-8	1	1.30	.79	.63	.16	50
91813	2	Brown	2/0 3/0 4/0 250	2/0-1 3/0-3 4/0-4 1/0-8	1	1.46	.79	.79	.20	50
91814	2	Pink	2/0 3/0 4/0 250 300	2/0-1 3/0-2 4/0-4 3/0-6 2/0-8	1-1/8	1.67	1.03	.85	.20	25
91815	2	Black	4/0 250 300 350	4/0-2/0 250-1 4/0-4 3/0-6	1-1/8	1.71	1.03	.90	.20	25
91816*	2	Yellow	250 300 350 400 450 500	250 300-3/0 350-1/0 300-2 250-4 250-6	1-5/16	1.87	1.28	1.02	.20	15
91817*	2	White	350 400 450 500	350-4/0 400-2/0 450-1 500-2	1-5/16	2.17	1.29	1.18	.30	10
91818*	2	-	750-500 750	4/0-6 750-4/0	2-3/4	2.75	1.97	1.34	.16	5

* Not Listed for Direct Burial, Grounding or Bonding

Copper C-Taps - Heavy Wall



**UL467 Listed &
CSA C22.2 No.41
Suitable For Direct Burial
& Grounding/Bonding**



- Heavy Wall High Strength Electrolytic Copper
- Allows for 2 Continuous Parallel Conductors
- Range Taking

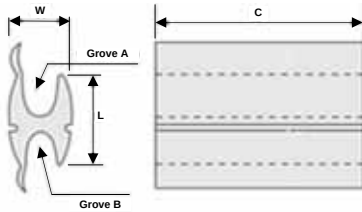
Dimensions = Inches

Cat. No.	Conductor Range				Dimensions					Strip Length	Box Qty
	RUN		TAP								
	Min	Max	Min	Max	L (OD)	L (ID)	W	D	Entry		
91819	4 STR	6 SOL	6 STR	6 Sol	.77	.46	.71	.43	.29	3/4	50
91820	4 STR	6 SOL	4 STR	4 SOL	.81	.53	.63	.47	.31	3/4	25
91821	2 STR	2 SOL	4 STR	8 SOL	.98	.65	.75	.61	.37	3/4	50
91822	2 STR	2 SOL	2 STR	2 SOL	1.05	.76	.76	.60	.45	3/4	50
91823	2/0 STR	1/0 SOL	2/0 STR	1/0 STR	1.35	.87	.95	.80	.43	1-1/8	25
91824	4/0 STR	3/0 SOL	2/0 STR	1/0 STR	1.64	1.01	1.07	.97	.60	1-1/4	15
91825	4/0 STR	3/0 SOL	4/0 STR	3/0 STR	1.58	1.10	1.07	.97	.56	1-1/4	15

Aluminum H-Taps



- ▶ Wide Range, Universal and Reversible Figure H-shaped 6061-T6 Aluminum Connector
- ▶ For Copper, Aluminum, ACSR and Compact Conductors
- ▶ Conductors are separated In A & B Grooves
- ▶ Bendable Taps secure both Run and Tap Conductors freeing the lineman's hands to work with installation tool
- ▶ Formable Ribs Provide Broad Contact Area
- ▶ Massive Aluminum Design Minimizes Corrosion
- ▶ Prefilled with Anti-Oxidant Joint Compound



Dimensions = Inches

Cat. No.	Conductor Range										Installation Info.				Ctn Qty
	Standard Conductor						Compact Conductor				Conn Length	Die No.	No. of Indents		
	A Groove			B Groove			A Groove		B Groove				Mech	Hyd	
	ACSR	STR	SOL	ACSR	STR	SOL	ACSR	STR	ACSR	STR					
90430	-	-	1	-	8	8	-	-	-	-	13/16	5/8 BG	3	-	10
	3	2	2	-	10	10	-	-	-	-					
	4	3	3	-	12	12	-	-	-	-					
	6	4	4	-	14	14	-	-	-	-					
	6	-	-	-	-	-	-	-	-	-					
90433	-	1	-	-	1	-	1	1	1	1	1-7/16	0	4	2	10
	2	2	2	2	2	2	2	2	2	2					
	3	3	3	3	3	3	3	3	3	3					
	4	4	4	4	4	4	4	4	4	4					
	6	6	6	6	6	6	6	6	6	6					
90435	-	2/0	2/0	-	1	1/0	2/0	2/0	1	1	1-11/16	0	5	2	10
	1/0	1/0	1/0	2	2	1	1/0	2	2	-					
	1	1	1	3	3	3	1	1	3	3					
	2	2	-	4	4	4	2	2	4	4					
	3	-	-	6	6	6	-	-	6	6					
90454	-	2/0	2/0	-	1	1	2/0	2/0	1	1	1-1/8	0	5	2	10
	1/0	1/0	1/0	2	2	2	1/0	1/0	2	2					
	1	1	1	3	3	3	1	1	3	3					
	2	2	2	4	4	4	2	2	4	4					
	3	3	-	6	6	-	-	-	6	6					
90462	4/0	4/0	4/0	4/0	4/0	4/0	266-18/1	266	266-18/1	266	1-3/8	D	5	2	10
	3/0	3/0	3/0	3/0	3/0	3/0	4/0	250	4/0	250					
	2/0	2/0	2/0	2/0	2/0	2/0	3/0	4/0	3/0	4/0					
	1/0	1/0	-	1/0	1/0	-	2/0	3/0	2/0	3/0					
90439	-	-	4/0	-	3/0	3/0	-	-	-	-	1-13/16	D	5	2	10
	-	4/0	3/0	2/0	2/0	2/0	3/0	3/0	3/0	3/0					
	2/0	3/0	2/0	1/0	1/0	-	2/0	2/0	2/0	2/0					
	1/0	2/0	-	1	-	-	1/0	1/0	1/0	1/0					
90440	-	-	-	-	-	1/0	-	-	-	-	1-13/16	D	5	2	10
	-	-	-	-	1	1	-	-	1	1					
	-	-	4/0	2	2	2	3/0	3/0	2	2					
	-	3/0	3/0	3	3	3	2/0	-	3	3					
	2/0	2/0	-	4	4	4	-	-	4	4					
90444	1/0	-	-	6	6	6	-	-	6	6	1-13/16	D	5	2	10
	-	-	-	-	-	1/0	-	-	-	-					
	-	-	-	-	1	1	-	-	1	1					
	-	-	-	2	2	2	266-18/1	266	2	2					
	4/0	4/0	-	3	3	3	-	-	-	-					
90447	3/0	-	-	4	4	4	-	-	-	-	2-7/16	D	7	3	10
	-	-	-	6	6	6	-	-	-	-					
	-	-	-	-	-	-	266-18/1	266-18/1	266-18/1	266					
90447	4/0	4/0	-	4/0	4/0	-	-	250	-	250	2-7/16	D	7	3	10
	3/0	3/0	-	3/0	3/0	-	4/0	4/0	4/0	4/0					

Line Taps
Power Connectors

B22

Insulation Piercing Connectors - Above Ground



Installs In Just Minutes
Saving Many Man-Hours On The Job

Eliminates Wire Stripping,
Connecting & Taping of Split Bolts
and Adding Inhibitor

Can be installed on Energized
Circuits eliminating Power
Shutdowns

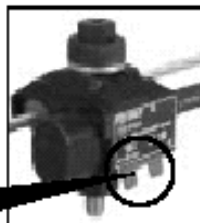


Red 'Turbo Spacer'

Allows for main wire to be inserted
& hand tightened, while spacer
holds the tap location completely
open for easy wire insertion

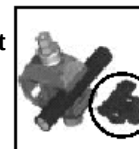
All models except 96102 & 96104

Red 'Turbo' Spacer

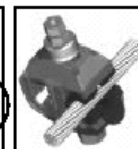


Blue Rubber Insert

Replaces insulation
when used on bare
wire. Used to avoid
any damage on
neutral messenger.



Remove blue
insert if main
wire is insulated

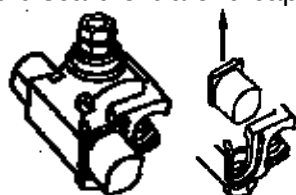


Leave blue insert
if main wire is
bare

Only on Models 96106, 96110, 96112, 96114

1 - Determine direction for tap
conductor to enter connector.

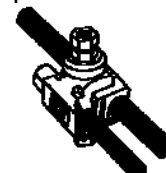
Remove and discard extra end cap.



2 - Insert tap conductor,
making sure conductor is
fully seated in end cap.



3 - Place connector on main
conductor & tighten the bolt
with a closed-end wrench
or socket until top shear-head
nut breaks off.



- Overhead services - both insulated & bare mains, above grade URD services, street lighting, non-tension splicing & tapping, insulated replacement for split bolts, tapping without cutting the main, gutter taps
- Double shear-head bolt guarantees correct torque every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
- No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket
- Turbo spacer allows tap side to remain open while you hand tighten the connector on the main wire (note models)
- The bolt and all external parts of the connector are completely isolated from energized parts and the bolt is covered by the plastic shear-head. The installer has no contact with an energized part
- Can be installed on energized conductors, however, the tap must not be under load
- Corrosion-free connection is good for hot, cold, damp, & salty connections. Properly installed the connector seals water-tight. This is accomplished by a sealant tank, that during installation is compressed and forces sealant out to protect the connection from oxygen and water. Copper teeth are tin plated, the connector bodies are made from high-strength fiber-reinforced thermoplastic and galvanized steel bolts
- UL486B Listed for copper to copper, aluminum to aluminum, & copper to aluminum; 600 Volt, 194°F (90°C) Rated, Meets ANSI C119.4 requirements

Dimensions = Inches

Cat. No.	Number Of Bolts	Torque in inch lbs.	Bolt Head Size	Conductor Range		Dimensions in Inches			Box Qty
				Main AWG	Tap AWG	H	W	L	
96102	1	80	1/2	2/0 - 6	8 - 14	3.6	1.7	2.7	12
96104	1	80	1/2	750 - 3/0	10 - 14	4.3	2.4	2.8	12
96106	1	80	1/2	1/0 - 8	2 - 10	3.7	2.0	3.0	12
96108	1	125	1/2	1/0 - 3	2 - 10	3.9	1.7	2.7	12
96110	1	125	1/2	1/0 - 8	1/0 - 8	3.7	2.0	3.0	12
96112	1	160	1/2	4/0 - 2	2/0 - 6	4.3	2.4	3.2	12
96114	1	160	1/2	4/0 - 2	4/0 - 4	4.3	2.4	3.2	12
96116	2	330	5/8	350 - 1/0	350 - 1/0	5.4	3.1	5.0	4
96118	2	330	5/8	500 - 2/0	4/0 - 4	5.4	3.1	5.0	4
96120	2	330	5/8	500 - 4/0	350 - 1/0	5.4	3.0	5.0	4
96122	2	330	5/8	750 - 250	500 - 250	5.6	3.6	5.7	4

C



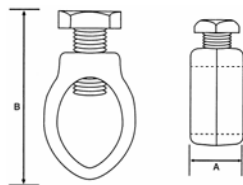
- ▶ Ground Rod & Pipe Clamps C1-C4
- ▶ Lay-In Clamps C5-C6
- ▶ Rebar & Vice Grip Clamps C6
- ▶ Intersystem Bonding Connector C6
- ▶ U-Bolt Pipe Clamps C7
- ▶ Neutral Bars & I-Beam Clamps C8
- ▶ Grounding Pig Tails, Screws, Clips C9
- ▶ Transformer Ground Clamps C9

Ground Rod Clamps - Direct Burial



- Designed to Maintain Proper Contact and Alignment between Ground Wire & Ground Rod
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Silicone Bronze or Stainless Steel Bolt
- UL 467 Approved for Direct Burial in Soil & Concrete
- Direct Burial Marked on Clamps

Dimensions = Inches



Cat. No.	Rod Diameter	Wire Range	Screw Thread	Dimensions		Box Qty
				A	B	
90634	1/2	2 - 10	5/16-18	.50	1.24	50
90636	5/8	1/0 - 10	3/8-16	.59	1.46	50
90638	3/4	1 - 10	3/8-16	.59	1.51	50
90639	3/8, 1/2, 5/8, 3/4	1/0 - 10	3/8-16	.59	2.38	50

Aluminum Ground Pipe Clamps



FIG 1



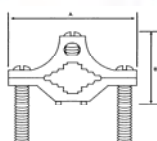
FIG 2

- Cast of High Conductivity 6061-T6 Tin Plated Aluminum Alloy
- Dual Rated for Copper or Aluminum Conductors
- For Connecting Copper or Aluminum Conductor to Water Pipe, Ground Rod, Copper Water Pipe, Galvanized Pipe or Steel Conduit
- Tin Plated Aluminum Set Screw for Corrosion Resistance
- Tin Plated Machined Steel Mounting Hardware
- 90640 has Lay-In Feature for use in Continuous Loop Applications

Dimensions = Inches

Cat. No.	Fig	Type	Pipe Range	Wire Range		Screw Size		Box Qty
				Min	Max	Top	Side	
90633	1	Feed-Thru	1/2 - 1	14	1/0	7/16 x .55"	1/4-20 x 1.50"	25
90640	2	Lay-In	1-1/4 - 2	6	250	5/8-18 x 1.18"	5/16-18 x 2.17"	5

Copper Ground Pipe Clamps



- For Connecting Grounding Conductor to Water Pipe, Copper Tubing or Ground Rod
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws Zinc Plated for Corrosion Resistance

Dimensions = Inches

Cat. No.	Water Pipe Range	Ground Rod Size	Rebar Size	Wire Range	Screw Thread	Dimensions		Box Qty
						A	B	
90627	1/2 - 1	1	1/2 - 1	2 - 10	1/4-20	2.25	1.64	25
90628	1-1/4 - 2	1	1-1/4 - 2	2 - 10	5/16-18	3.54	2.48	10
90598	2-1/2 - 4	2	2-1/2 - 4	2 - 10	3/8-16	6.30	3.40	15
90599	4-1/2 - 6	2	4-1/2 - 6	2 - 10	3/8-16	8.30	4.00	5

Conduit Hub Adaptors



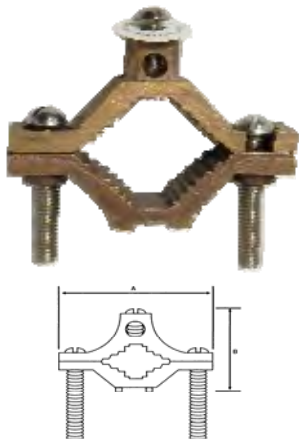
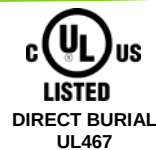
- Conduit Hub Adaptors Used with Standard Ground Pipe Clamps to Ground Conduit to Pipe - Used with 90627, 90628, 90598 & 90599 Pipe Clamps
- Allows for Maximum Flexibility In the Field
- Cast of High Strength, High Conductivity Copper Alloy
- For Grounding Water Pipe to Electrical Conduit
- Can also purchase pre-assembled Clamp & Adaptors 90601 Thru 90606

Dimensions = Inches

Cat. No.	Conduit Size	Box Qty
91600	1/2	10
91601	3/4	10
91602	1	10

New! Available
January 2015

Copper Ground Pipe Clamps - Direct Burial



- For Grounding Conductors to Water Pipe, Copper Tubing or Ground Rod
- 90631 UL Direct Burial Clamp Designed for Copper-to-Rebar
- Commonly used for Swimming Pools/Spas, Commercial, Industrial & Agricultural Applications
- Cast of high strength, High Conductivity Copper Alloy
- Copper or Stainless Steel Screws
- UL 467 Listed for Direct Burial in Soil or Concrete

Dimensions = Inches

Cat. No.	Water Pipe Range	Ground Rod Size	Rebar Size	Wire Range	Top Screw Thread	Side Screw Thread	Dimensions		Box Qty
							A	B	
90629	1/2 - 1	1	1/2 - 1	2 - 10	1/4-20	1/4-20	2.17	1.42	25
90630	1-1/4 - 2	1	1-1/4 - 2	2 - 10	1/4-20	5/16-18	3.58	1.93	10
90621	2-1/2 - 4	2	2-1/2 - 4	2 - 10	1/4-20	5/16-18	5.95	2.95	5
90622	4-1/2 - 6	2	4-1/2 - 6	2 - 10	1/4-20	5/16-18	8.09	4.19	5

Pipe Clamps for Rebar Applications

90631	1/2 - 1	1	1/2 - 1	2 - 10	1/4-20	1/4-20	2.25	1.64	5
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Copper Ground Pipe Clamps - Serrated Collar



- For Grounding to Water Pipe, Copper Tubing or Ground Rod
- Serrated Collar Accommodates a Variety of Adaptors for Maximum Flexibility In the Field
- Cast of High Strength, High Conductivity Copper Alloy
- Zinc Plated Steel Set Screws for Corrosion Resistance

Dimensions = Inches

Cat. No.	Pipe Range	Wire Range		Box Qty
		Min	Max	
91660	1/2 - 1	10 SOL	2 STR	10
91662	1-1/4 - 2	10 SOL	2 STR	10
91664	2-1/2 - 4	10 SOL	2 STR	35
91666	4-1/2 - 6	10 SOL	2 STR	25

Serrated Adaptors - for Serrated Collar Ground Clamps



FIG 1



FIG 2

- Serrated Teeth match Serrated Collar Pipe Clamps for maximum flexibility in the Field
- Use with Serrated Collar Pipe Clamps - # 91660 Thru 91666
- For Grounding Pipe to Electrical Conduit or Ground Wires
- Cast of High Strength, High Conductivity Copper Alloy
- Can also purchase pre-assembled Clamp & Adaptors 91701 Thru 91709 or 91690 Thru 91696

Available
January 2015

Dimensions = Inches

Dimensions – inches

Cat. No.	Figure	Conduit Size	Wire Range		Box Qty
			Min	Max	
Serrated Conduit Hub Adaptor					
91603	1	1/2	N/A	N/A	25
91604	1	3/4	N/A	N/A	25
91605	1	1	N/A	N/A	25
Serrated Armored Cable Adaptor					
91606	2	N/A	#8	4/0	25

Copper Ground Clamps - Serrated Collar - Rigid Conduit



- For Connecting Electrical Conduit to Water Pipe, Copper Tubing & Ground Rod
- Serrated Collar and Adaptor Swings 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws Zinc Plated for Corrosion Resistance

Dimensions = Inches

Cat. No.	Pipe Size	Hub Size	Wire Range		Dimensions		Screw Type		Box Qty
			Min	Max	Length	Height	Top	Side	
91701	1/2 - 1	1/2	10 STR	4 STR	2.17	1.95	3/16"-24 x 1.37	5/16"-18 x 1.69	10
91702	1/2 - 1	3/4	10 STR	2/0 STR	2.17	2.15	3/16"-24 x 1.37	1/4"-20 x 1.67	10
91703	1/2 - 1	1	10 STR	3/0 STR	2.24	2.32	3/16"-24 x 1.37	1/4"-20 x 1.67	10
91704	1-1/4 - 2	1/2	10 STR	4 STR	3.58	2.54	3/16"-24 x 1.37	5/16"-18 x 2.60	5
91705	1-1/4 - 2	3/4	10 STR	2/0 STR	3.58	3.68	3/16"-24 x 1.50	5/16"-18 x 2.60	5
91706	1-1/4 - 2	1	10 STR	3/0 STR	3.58	3.81	3/16"-24 x 1.50	5/16"-18 x 2.60	5
91707	2-1/2 - 4	1/2	10 STR	4 STR	5.95	4.00	3/16"-24 x 1.50	5/16"-18 x 4.23	5
91708	2-1/2 - 4	3/4	10 STR	2/0 STR	5.95	4.20	3/16"-24 x 1.50	5/16"-18 x 4.23	5
91709	2-1/2 - 4	1	10 STR	3/0 STR	5.95	4.33	3/16"-24 x 1.50	5/16"-18 x 4.23	5

Copper Ground Clamps - Rigid Conduit Hub



- Suitable for connecting grounding conductor in rigid conduit to water pipe, ground rod and copper weld tubing
- Standard Collar and Adaptor
- Hub Swings 360° for easy alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance
- UL Listed

Dimensions = Inches

Cat. No.	Pipe Range	Conduit size	Conductor		Dimensions		Top Screw Size	Side Screw Size	Box Qty
			Min	Max	Length	Width			
90601	1/2 - 1	1/2	10	2	2.24	1.52	1/4-20 x .63	1/4-20 x 1.50	10
90602	1/2 - 1	3/4	10	2	2.24	1.52	1/4-20 x .63	1/4-20 x 1.50	10
90603	1/2 - 1	1	10	2	2.24	1.52	1/4-20 x .63	1/4-20 x 1.50	10
90604	1-1/4 - 2	1/2	10	2	3.58	2.48	5/16-18 x .73	5/16-18 x 2.25	5
90605	1-1/4 - 2	3/4	10	2	3.58	2.48	5/16-18 x .73	5/16-18 x 2.25	5
90606	1-1/4 - 2	1	10	2	3.58	2.48	5/16-18 x .73	5/16-18 x 2.25	5

Jumper Clamps

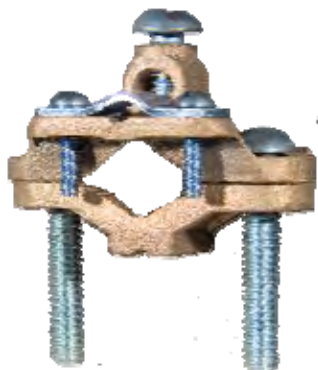


- Cast of High Strength, High Conductivity Copper Alloy
- Stainless Steel Hardware
- Make Connections between Aluminum or Galvanized Steel and Copper or Copper Bonded Steel Wires
- Bow Design Spring Action Maintains Positive Clamping Force
- Wrap-Around Design Secures Conductor

Dimensions = Inches

Cat. No.	Finish	Conductor Range		Conductor Diameter	Bolt Material	Box Qty
		Min	Max			
91922	Tin Plated	6 SOL	1/0 STR	.162 - .373	Stainless	25
91924	Un-Plated	6 SOL	1/0 STR	.162 - .373	Stainless	25

Copper Ground Clamps - Cable Adaptor

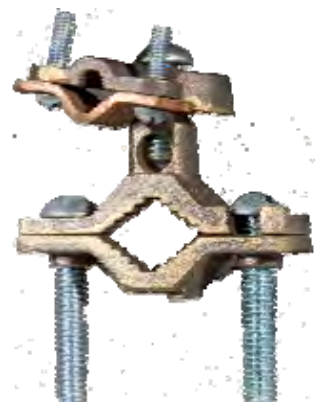


- For Connecting Ground Wire to Water Pipe, Copper Tubing & Ground Rod
- Standard Collar and Pressure Bar Grip Adaptor decreases chances of grounding conductors being pulled out
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance

Dimensions = Inches

Cat. No.	Pipe Range	Wire Range		Box Qty
		Min	Max	
91670	1/2 - 1	8 SOL	4 STR	10
91672	1-1/4 - 2	8 SOL	4 STR	10

Copper Ground Clamps - Cable Adaptor - Top Mount

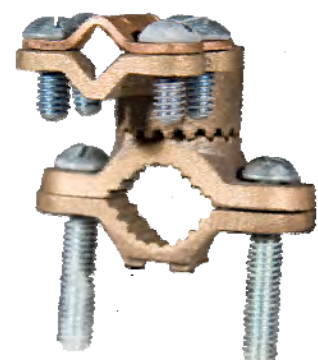


- For Connecting Ground Wire to Water Pipe, Copper Tubing & Ground Rod
- Standard Collar and Pressure Bar Grip Adaptor decreases chances of grounding conductors being pulled out
- Pressure Bar Swings 360° for Easy Alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance

Dimensions = Inches

Cat. No.	Pipe Range	Wire Range		Box Qty
		Min	Max	
91680	1/2 - 1	10 SOL	6 SOL	10
91682	1-1/4 - 2	10 SOL	6 SOL	10

Copper Ground Clamps - Serrated Collar - Cable Adaptor



- For Connecting Armored Cable/Ground Wire to Water Pipe, Copper Tubing, & Ground Rod
- Serrated Collar and Adaptor Swings 360° for easy alignment
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws are Zinc Plated for Corrosion Resistance

Dimensions = Inches

Cat. No.	Pipe Range	Wire Range		Dimensions			Screw size		Box Qty
		Min	Max	Length	Depth	Height	Top	Side	
91690	1/2 - 1	8 STR	4/0 STR	2.32	.75	1.44	1/4-20 x .63"	1/4-20 x 1.5"	10
91692	1-1/4 - 2	8 STR	4/0 STR	3.54	.83	2.13	1/4-20 x .63"	5/16-18 x 2"	10
91694	2-1/2 - 4	8 STR	4/0 STR	5.95	.98	2.95	1/4-20 x .63"	5/16-18 x 4"	25
91696	4-1/2 - 6	8 STR	4/0 STR	8.09	.94	4.19	1/4-20 x .63"	5/16-18 x 5"	25

Copper Ground Pipe Clamps - Lay-In

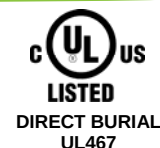


FIG 1



FIG 2

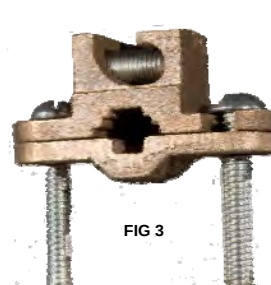


FIG 3

- For Connecting Grounding Conductors to Water Pipe, Conduit, Copper Tubing, Ground Rods or Rebar
- Parallel or Perpendicular Lay-In Feature for Easy Wire Insertion
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Copper or Stainless Steel Screws
- UL 467 Listed for Direct Burial in Soil & Concrete

Dimensions = Inches

Cat. No.	Fig	Pipe Range	Ground Rod Range	Rebar Range	Wire Range		Dimensions			Box Qty
					Min	Max	Length	Height	Width	
91653	1	1/2 - 1	1/2 - 1	3/8 - 1	10 SOL	2 STR	2.24	1.46	.75	25
91656	2	1/2 - 1	1/2 - 1	3/8 - 1	10 SOL	2 STR	2.24	1.46	.75	25
91652	3	1/2 - 1	1/2 - 1	3/8 - 1	10 SOL	2 STR	2.21	1.15	.63	25

Copper Ground Pipe Clamps - Heavy Duty - Lay-In

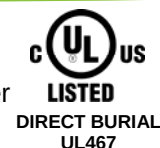


FIG 1

- For Connecting Grounding Conductors to Water Pipe, Conduit, Copper Tubing, Ground Rods or Rebar up to 1" in diameter
- Accepts Up To 4/0 Ground Conductor
- Can handle just about any size ground wire & just about any application
- Lay-In or Feed Through Configurations
- Cast of High Strength High Conductivity Copper
- Stainless Steel Set Screws
- UL 467 Listed for Direct Burial in Soil & Concrete

Dimensions = Inches

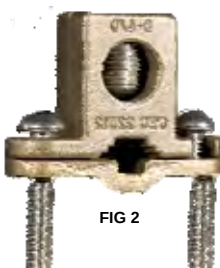
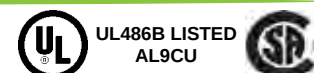


FIG 2

Cat. No.	Fig	Pipe Range	Ground Rod Range	Rebar Range	Wire Range		Dimensions		Box Qty
					Min	Max	Length	Height	
Side Lay-In									
91654	1	1/2 - 1	1/2 - 1	3/8 - 1	8 STR	4/0 STR	2.55	2.10	10
91655	1	1-1/4 - 2	-	-	8 STR	4/0 STR	3.32	3.20	5
91657	1	2-1/2 - 4	-	-	8 STR	4/0 STR	5.70	3.75	5
Feed Through									
91610	2	1/2 - 1	1/2 - 1	3/8 - 1	8 STR	4/0 STR	2.36	1.76	25

Lay-In Lugs - Aluminum



- Open face design allows installer to quickly lay in the grounding conductor as a jumper to multiple conduits with no break in the ground conductor
- Excellent for tapping off main conductor without cutting due to lay-in feature
- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity
- Dual rated for both copper and aluminum conductors
- Electro tin plated to provide low contact resistance and protection against corrosion

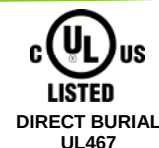
Dimensions = Inches

Cat. No.	Awg	Wire Range	Length	Width	Height	Bolt	Box Qty
90574	4	4 - 14	1.05	.47	.78	0.26	100
90575	1/0	1/0 - 14	1.50	.59	1.17	0.26	50
90576	3/0	3/0 - 6	2.00	.80	1.56	0.41	50
90580	250	250 - 6	2.20	.80	1.79	0.41	25

Lay-In Lugs - Copper - Direct Burial



- Use on Electrical Equipment, Pool/Spa Equipment, Conduit Bushings, and Jumper to Multiple Conduits
- 90572 Ideal for Grounding Swimming Pools
- 90573 Ideal for Solar applications
- Lay-In Feature for Use with Continuous Ground Loops
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Stainless Steel Set Screw - 1/4" X 28 Thread
- UL 467 CSA C22.2 Approved for Direct Burial in Soil & Concrete
- Direct Burial Marked on Clamp



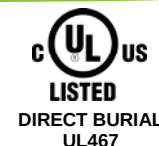
Dimensions = Inches

Cat. No.	Type	Awg	Wire Range	Length	Width	Height	Bolt	Box Qty
90572	Dipped	4	4 - 14	1.04"	.47"	.76"	0.26"	100
90573	Tin Plated	4	4 - 14	1.04"	.47"	.76"	0.26"	100

Ground Clamps - Lay-In - Rebar



- Connect Grounding Electrode Conductor to Bare Rebar
- Rugged and Compact
- Lay-In Feature for Use with Continuous Ground Loops
- Popular for Swimming Pool/Spa, Telecommunications, Agriculture, Marine & Food Processing Applications
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Hardware
- UL 467 Listed for Direct Burial In Soil & Concrete
- Not for Use on Epoxy Coated Rebar



New! Available October 2015

Dimensions = Inches

Cat. No.	Rebar Size	Wire Range		Dimensions			Box Qty
		Min	Max	Length	Width	Height	
91712	3/8"	8 SOL	6 SOL	1.14"	.74"	.75"	25
91713	1/2"	8 SOL	4 STR	1.35"	.83"	.91"	25

Ground Clamps - Vice Grip Style



- For Grounding to Flat Bar with One or Two Conductors - Copper Only
- Use as Splice or Tap
- Lay-In (Side Entry) for easy installation
- V-Groove aligns Conductors
- Interlock Design for Resistance to Vibration
- Cast of High Strength High Conductivity Bronze - Excellent Heat Dissipation

Cat. No.	Conductor Range		Box Qty
	Max	Min	
	2 Conductors	2 Conductors	
91912	6 SOL	8 SOL	25
91913	4 STR	6 SOL	25
91914	2 STR	4 SOL	25
91915	2/0 STR	2 SOL	10
91916	4/0 STR	1/0 SOL	10

Intersystem Bonding Connector



- Fast & Simple Installation on Ground Conductor Below Meter
- Lay-In feature Allows Termination to Existing Main Ground Electrode without Cutting or Splicing Conductor
- Accommodates up to 4 Intersystem Bonding Conductors
- 6061-T6 Dual Rated Aluminum Connector
- Stainless Steel Flush Mount Slot Head Screws
- UV Rated Paintable Thermoplastic Cover Included
- UL 467 Listed, Meets NEC 2008 Section 250.94 Requirements



Dimensions = Inches

Cat. No.	Conductors				Screw Type	Length	Width	Height	Box Qty
	Main Ground		Low Voltage						
	Min	Max	Min	Max					
90588	6	2	14	4	Slotted	3.93	1.19	1.40	10

Copper Ground Clamps - U Bolt - 1 Conductor



- ▶ U-Bolt Style Clamp
- ▶ For Connecting 1 Ground Wire Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- ▶ Use with Continuous Ground Loops
- ▶ Cast of High Strength High Conductivity Copper Alloy
- ▶ Stainless Steel Bolts, Nuts & Lock Washers
- ▶ UL 467 Listed for Direct Burial In Soil or Concrete



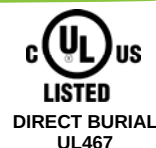
Dimensions = Inches

Cat. No.	Rod Size	Pipe Size	Wire Range		Dimensions			Box Qty
			Min	Max	Width	Height	Thread	
91732	5/8 or 3/4	1/2	8 SOL	4 STR	2	2-7/16	3/8 x 16	5
91733	5/8 or 3/4	1/2	4 SOL	2/0 STR	2	2-7/16	3/8 x 16	5
91734	5/8 or 3/4	1/2	2/0 SOL	250 MCM	2-1/16	2-3/4	3/8 x 16	5
91735	7/8 or 1	1/2 or 3/4	4 SOL	2/0 STR	2-1/4	3	3/8 x 16	5
91736	7/8 or 1	1/2 or 3/4	2/0 SOL	250 MCM	2-5/16	3-3/16	3/8 x 16	5
91737	-	1	4 SOL	2/0 STR	2-9/16	3-3/16	3/8 x 16	5
91738	-	1	2/0 SOL	250 MCM	2-9/16	3-3/16	3/8 x 16	5
91740	-	1-1/4	4 SOL	250 MCM	3	3-1/2	3/8 x 16	5
91742	-	1-1/2	4 SOL	250 MCM	3-1/4	4	3/8 x 16	5
91744	-	2	4 SOL	250 MCM	3-3/4	4-3/8	3/8 x 16	5
91746	-	2-1/2	4 SOL	250 MCM	4-1/4	5	3/8 x 16	5
91748	-	3	4 SOL	250 MCM	4-7/8	5-5/8	3/8 x 16	5
91750	-	3-1/2	4 SOL	250 MCM	5-3/8	6-1/4	3/8 x 16	5

Copper Ground Clamps - U Bolt - 2 Conductor



- ▶ U-Bolt Style Clamp
- ▶ For Connecting 2 Ground Wires Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- ▶ Use with Continuous Ground Loops
- ▶ Cast of High Strength High Conductivity Copper Alloy
- ▶ Stainless Steel Bolts, Nuts & Lock Washers
- ▶ UL 467 Listed for Direct Burial In Soil or Concrete



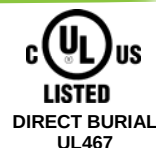
Dimensions = Inches

Cat. No.	Rod Size	Pipe Size	Wire Range		Dimensions			Box Qty
			Min	Max	Width	Height	Thread	
91752	1-1/8 to 1-1/4	1	4 SOL	250 MCM	2-5/8	3-3/8	3/8-16	5
91754	1-3/8 to 1-1/2	1-1/4	4 SOL	250 MCM	3	3-1/2	3/8-16	5
91756	1-5/8 to 1-7/8	1-1/2	4 SOL	250 MCM	3-1/4	4	3/8-16	5
91758	2 to 2-3/8	2	4 SOL	250 MCM	3-3/4	4-3/8	3/8-16	5
91760	2-1/2 to 2-7/8	2-1/2	4 SOL	250 MCM	4-1/4	5	3/8-16	5
91762	3 to 3-1/2	3	4 SOL	250 MCM	4-7/8	5-5/8	3/8-16	5
91764	3-1/2 to 4	3-1/2	4 SOL	250 MCM	5-3/8	6-1/4	3/8-16	5

Copper Ground Clamps - U Bolt - 3 Conductor



- ▶ U-Bolt Style Clamp
- ▶ For Connecting 3 Ground Wires Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- ▶ Use with Continuous Ground Loops
- ▶ Cast of High Strength High Conductivity Copper Alloy
- ▶ Stainless Steel Bolts, Nuts & Lock Washers
- ▶ UL 467 Listed for Direct Burial In Soil or Concrete



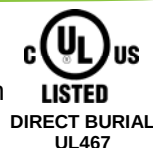
Dimensions = Inches

Cat. No.	Rod Size	Pipe Size	Wire Range		Dimensions		Box Qty
			Min	Max	Width	Height	
91766	1/2	1/4	4 SOL	250 MCM	3-5/8	2-3/4	5
91767	5/8 - 3/4	3/8	4 SOL	250 MCM	3-1/2	3	5
91768	7/8 - 1	1/2 or 3/4	4 SOL	250 MCM	3-7/8	3-3/8	5
91769	-	1	4 SOL	250 MCM	4-1/8	3-1/2	5
91770	-	1-1/4	4 SOL	250 MCM	4-1/2	3-7/8	5
91771	-	1-1/2	4 SOL	250 MCM	4-3/4	4-1/4	5
91772	-	2	4 SOL	250 MCM	5-1/4	5	5
91773	-	2-1/2	4 SOL	250 MCM	5-7/8	5-1/4	5
91774	-	3	4 SOL	250 MCM	6-3/8	5-3/4	5
91775	-	3-1/2	4 SOL	250 MCM	6-3/4	6-3/8	5
91776	-	4	4 SOL	250 MCM	7-1/4	6-3/4	5

Ground Clamps - I-Beam



- ▶ Connect Ground Conductor to I-Beam or Metal Frame
- ▶ Connects one ground wire to 1/4" thick bar or stanchion
- ▶ Lay-in Feature for Use with Continuous Ground Loops
- ▶ Popular for Cable Tray, Fence Posts & Structural Steel
- ▶ Cast of High Strength High Conductivity Copper Alloy
- ▶ Stainless Steel Bolts, Nuts & Lock Washers
- ▶ UL 467 Listed for Direct Burial In Soil or Concrete



Dimensions = Inches

Cat. No.	Fig	Conductor Range		Dimensions			Bolt Size	Box Qty
		Min	Max	Length	Width	Height		

Ground Conductor Isolated from Bar

91715	1	8 SOL	4 STR	1-1/4	1	1-5/8	3/8	25
91716	1	4 SOL	2/0 STR	1-5/8	1-1/8	1-3/4	3/8	10
91717	1	2/0 SOL	250 MCM	2-1/8	1-1/2	2	1/2	10

Ground Conductor Clamped To Bar

91721	2	8 SOL	4 STR	1-1/4	1	1-5/8	3/8	25
91722	2	4 SOL	2/0 STR	1-5/8	1-1/8	1-3/4	3/8	25
91723	2	2/0 SOL	250 MCM	2-1/8	1-1/2	2	1/2	10

Ground/Neutral Bars



- ▶ Copper & Aluminum Neutral & Ground Bars
- ▶ Aluminum Bars are made from 6060-T6 Tin-Plated Aluminum
- ▶ Aluminum Bars are Dual Rated for Copper or Aluminum Conductors
- ▶ Copper Bars are Rated for Copper Conductors Only
- ▶ Available from 2 Circuit to 190 Circuit Configurations
- ▶ Range Taking
- ▶ 600V



New! Available January 2015

Dimensions = Inches

Cat. No.	Material	Wire Range	No. of Circuits	Total No. Holes	Length	Height	Width	Hole Spacing	Mount Hole Position	Box Qty
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Aluminum

91130	Aluminum	#14 - #4	2	3	.95	.44	.31	.312	2	100
91131	Aluminum	#14 - #4	4	5	1.57	.44	.31	.312	3	100
91132	Aluminum	#14 - #4	5	6	1.88	.44	.31	.312	3	100
91133	Aluminum	#14 - #4	6	7	2.25	.44	.31	.312	4	100
91134	Aluminum	#14 - #4	4	6	1.88	.44	.31	.312	1 & 4	100
91135	Aluminum	#14 - #4	5	7	2.25	.44	.31	.312	1 & 7	100
91136	Aluminum	#14 - #4	5	7	2.25	.44	.31	.312	2 & 6	100
91137	Aluminum	#14 - #4	6	8	2.56	.44	.31	.312	4 & 7	100
91138	Aluminum	#14 - #4	7	9	2.87	.44	.31	.312	3 & 7	100
91139	Aluminum	#14 - #4	9	11	3.50	.44	.31	.312	1 & 11	50
91140	Aluminum	#14 - #4	10	12	3.81	.44	.31	.312	1 & 12	50
91141	Aluminum	#14 - #4	12	14	4.43	.44	.31	.312	1 & 14	50
91142	Aluminum	#14 - #4	15	17	5.37	.44	.31	.312	1 & 17	50
91143	Aluminum	#14 - #4	20	22	6.93	.44	.31	.312	1 & 22	50
91144	Aluminum	#14 - #4	190	190	60.0	.44	.31	.312	-	10
91145	Aluminum	#14 - #2	10	12	4.12	.50	.38	.34	3 & 11	50
91146	Aluminum	#14 - 2/0	2	3	1.75	.75	.56	.60	2	25
91147	Aluminum	#14 - 2/0	3	5	2.95	.75	.56	.60	2 & 4	25
91148	Aluminum	#14 - 2/0	6	8	4.75	.75	.56	.60	1 & 8	25

Copper

91152	Copper	#14 - #4	4	6	1.94	.44	.31	.312	1 & 6	100
91153	Copper	#14 - #4	5	7	2.25	.44	.31	.312	1 & 7	100
91154	Copper	#14 - #4	6	8	2.56	.44	.31	.312	1 & 8	100
91155	Copper	#14 - #4	12	14	4.43	.44	.31	.312	1 & 14	50
91156	Copper	#14 - #4	13	15	4.74	.44	.31	.312	3 & 13	50
91157	Copper	#14 - #4	13	15	4.74	.44	.31	.312	6 & 11	50
91158	Copper	#14 - #4	190	190	60.0	.44	.31	.312	-	10
91159	Copper	#14 - #2	3	5	2.00	.50	.38	.397	1 & 5	50
91160	Copper	#14 - #2	6	8	3.25	.50	.38	.397	2 & 7	50

Transformer Ground Connectors



- For Transformers with 1/2-13 Tapped Hole
- High Strength High Conductivity Copper Alloy
- Stainless Steel Nuts & Lock Washer

Cat. No.	Conductor Range		Box Qty
	Max	Min	
91902	1 STR	10 SOL	25
91904	2/0 STR	8 SOL	25
91906	250 MCM	6 SOL	5

Flexible Braided Jumper Straps



- Used wherever it is necessary to bridge expansion gaps, allow for misalignment or absorb vibration between moving parts
- To maintain continuity of ground electrode
- Prevent breakage of insulators, bushings or equipment due to misalignment during settling of substation foundations
- Manufactured from highly conductive extra flexible tinned copper braid flattened into a rectangular shape for greater flexibility
- Mounting pads on ends are made from tin-plated pure electrolytic copper for superior surface contact area

Dimensions = Inches

Cat. No.	Length	Amp Rating		Approximate Circular Mils	Thickness	Pad Hole Size	Box Qty
		Indoor	Outdoor				
91620	12"	330	400	154,500	1/4"	1-1/2 X	10

Flexible Ground Braids



- Use for continuing the fault-carrying capacity of the cable shield for Bonding or Grounding Jumpers
- Use for shield & lead-sheath grounding, and is easily soldered to lead, copper & tinned metals
- Use to absorb expansion, misalignment, motion, or vibration of equipment
- Manufactured from high conductivity, woven process, annealed, tinned copper wire
- Use Multiple Layers to increase ampacity

Dimensions = Inches

Cat. No.	Width	Length	Equivalent AWG Size	Box Qty
91630	3/8"	100'	9 AWG	10
91640	1/2"	100'	6 AWG	10

Green Grounding Pigtails



FIG 1



FIG 2

- Solid Green 12 Gauge Wire
- Attached 10/32 x 3/8" Ground Screw with Easy-Start Tip

Cat. No.	Fig	Size	Box Qty
30774	1	6-1/2" with 10/32 x 3/8 Screw & End Stripped 5/8"	100
30775	2	8" with 10/32 x 3/8 Ground Screw & #10 Fork Terminal	100

Green Grounding Screws



- For Grounding of Switch & Outlet Boxes
- Hex Washer Head Slotted/Phillips 10/32 x 3/8" - Easy-Start Tip

Cat No.	Description	Box Qty
30772	10/32 X 3/8 Grounding Screw	100

Green Grounding Clips



- Used with #10, #12, or #14 Copper or Aluminum Grounding Wire

Cat No.	Description	Box Qty
30773	Green Grounding Clip	100

D



- ▶ Motor Termination & Splice Kits D4
- ▶ UF Splice Kits D5
- ▶ Mechanical Splice Kits D5

Cable Splicing - Shaken'Seal Resin Encapsulation Kits



67020/67022



67024



67026/67028

Wire Type	600 Volts or less				
	Butt or Branch Splice Configuration		Through Splice Configuration		
	67020	67022	67024	67024	67026
	ES137S	ES200S	ES200SV	ES200SV	ES1150
No. of Conductors (Max.)					
18-16	10	20	14	14	
14-12	6	12	9	9	
10	4	8	6	6	
8	3	6	4	4	4
6	2	2	2	2	3
4	2	2	2	2	2
3	2	2	2	2	2
2	1	2	2	2	2
1	1	2	2	2	2
1/o				2	2
2/o				2	2
3/o				2	2
4/o				2	2

- ▶ Exothermic Encapsulating Resin Technology
- ▶ Submersible/Direct Burial Rated
- ▶ Permanent Watertight Seal Protects against Voltage Leakage, Cable Deterioration, & Cable Failure
- ▶ Fast Error-Proof Setup - Low-Viscosity Resin Compound Penetrates Completely Around Splice
- ▶ Fungus Resistant
- ▶ Rated for Use with Cable Rated to 90°C
- ▶ 600V
- ▶ UL 486D CSA 198.2 Listed
- ▶ 67028 not UL listed*
- ▶ Packed in Protective Foil Bags

Cat. No.	Model No.	Wire Range	Splice Type	Voltage	Bag Qty	Case Qty
67020	ES137S	#18 - #1	Butt/Branch	600	1	50
67022	ES200S	#18 - #1	Butt/Branch	600	1	30
67024	ES200SV	#18 - 1, (#18 - 4/0)	Butt/Branch (In-Line)	600	1	25
67026	ES1150	#8 - 4/0	In-Line	600	1	25
67028*	ES1250	1/0 - 750	In-Line	600	1	8

Underground Insulation Piercing Connectors



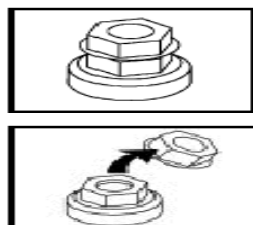
Figure 1



Figure 2



Figure 3



Before Torqueing

After Torqueing

Installation Simple, Fast & Reliable No Cutting or Stripping of Cable Required

1. Loosen the shear-head bolt until the ribs are visible & the cable is not obstructed on entry
2. Apply anti-oxidant grease from the connector to the end of the conductor & insert the conductor into the cable entry port making sure it is fully seated in the back of the connector
3. Tighten the bolt with a closed-end wrench or socket until the top shear-head nut breaks off
4. Check that conductors are secure

**91643, 91645 & 91646
Available October 2014**

- ▶ Insulation Piercing - Insulation Displacement Splicing Technology
- ▶ Fully Submersible, Completely Waterproof connector for Copper or Aluminum wire
- ▶ Rubber Over-molded Body ensures the installer does not come into contact with bare metal conductor or the conductive material of the connector
- ▶ Double Shear-Head Bolt guarantees correct torque every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
- ▶ No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket

Cat No.	Fig	Number of Ports	Wire Range	Torque in Inch lb.	Bolt Head Size	Dimensions in Inches H W L	Case Qty
In-Line Splices							
96141	1	-	#10 - 1/0	220	3/4	1.50 x 3.50 x 6.00	10
96142	1	-	2 - 350 MCM	185	1/2	2.00 x 3.50 x 10.00	4
Multi-Port Stub Splices							
96145	2	4	#6 - 4/0	220	3/4	6.00 x 4.00 x 5.50	9
96146	2	5	#6 - 4/0	220	3/4	6.00 x 4.00 x 7.00	9
96143	2	5	1/0 - 350MCM	220	3/4	6.00 x 4.00 x 8.50	6
96144	3	6	(2) @ 2-350 & (4) @ 6-4/0	185	1/2	2.50 x 4.00 x 8.40	4

Submersible Insulated Splice Connectors



Can be used for any type of splice

- Designed for use in Direct Burial & Submersible installations such as hand holes, below grade boxes, in the ground or submersed in water
- Range Taking Design Reduces Inventory
- AL9CU Dual Rated for Copper & Aluminum Conductors
- Insulated with High Dielectric Strength Rubber Compound
- Molded for Precise Fit & supplied with removable access plugs over the hex screws
- Eliminates the need for Taping, Heat Shrink etc.
- Abrasion and Chemical Resistant, will not support combustion
- Meets or exceeds ANSI C119.1 Specifications for a Submersible Connection
- UL Listed for Wet or Damp Locations, Direct Burial & Submersible per UL486D
- Rated 600 Volts, Cold Temperature UL tested to 0°F

Cat. No.	Wire Range AWG	Wire Range (inches)	Bolt Size	Dimensions (inches)			Case Qty
				H	W	L	
98012	2/0-14	.365 - .064	3/16	2.13	0.88	5.50	25
98014*	350-12	.58 - .08	5/16	3.16	1.44	8.14	50

*UL Pending 2015

Submersible Insulated Pedestal Connectors

UL Pending 2015



Can be used for any type of splice

- Designed for use in Direct Burial & Submersible installations such as hand holes, below grade boxes, in the ground or submersed in water
- Range Taking Design Reduces Inventory
- Dual Rated for Copper & Aluminum Conductors
- Insulated with High Dielectric Strength Rubber Compound
- Molded for Precise Fit & supplied with removable access plugs over the hex screws
- Eliminates the need for Taping, Heat Shrink etc.
- Abrasion and chemical resistant, Will not support combustion
- Meets or exceeds ANSI C119.1 Specifications for a Submersible Connection
- Rated 600 Volts, Cold Temperature UL tested to 0°F

Cat. No.	Number of Ports	Wire Range AWG	Wire Range	Bolt Size	Dimensions (inches)			Case Qty
					H	W	L	
98023	3	350-12	.58" - .08"	5/16	2.46	4.06	3.63	25
98024	4	350-12	.58" - .08"	5/16	2.46	4.06	4.75	20
98026	6	350-12	.58" - .08"	5/16	2.46	4.06	7.00	20
98033	3	600-12	.89" - .08"	5/16	3.13	5.46	4.87	12
98034	4	600-12	.89" - .08"	5/16	3.13	5.46	6.56	12
98036	6	600-12	.89" - .08"	5/16	3.13	5.46	9.94	6
98038	8	600-12	.89" - .08"	5/16	3.13	5.46	13.31	4

Submersible Insulated Streetlighting Connectors



Fig 1

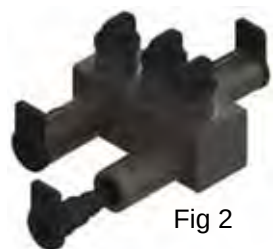


Fig 2

Can be used for any type of splice

- Designed for use in Direct Burial & Submersible Streetlighting applications such as hand holes, below grade boxes, in ground or water
- Range Taking Design Reduces Inventory
- AL9CU Dual Rated for Copper & Aluminum Conductors
- Insulated with High Dielectric Strength Rubber Compound
- Molded for Precise Fit & supplied with removable access plugs over the hex screws
- Eliminates the need for Taping, Heat Shrink etc.
- Abrasion and chemical resistant, will not support combustion
- Meets or exceeds ANSI C119.1 Specifications for a Submersible Connection
- UL Listed for Wet Locations, Direct Burial & Submersible per UL486D
- Rated 600 Volts, Cold Temperature UL tested to 0°F

Cat. No.	Fig	Number of Ports	Wire Range AWG	Wire Range (inches)	Bolt Size	Dimensions (inches)			Case Qty
						H	W	L	
98042	1	2	2/0-14	.365 - .064	3/16	2.13	2.75	1.80	40
98043	1	3	2/0-14	.365 - .064	3/16	2.13	2.75	2.65	25
98044	1	4	2/0-14	.365 - .064	3/16	2.13	2.75	3.49	25
98046	1	6	2/0-14	.365 - .064	3/16	2.13	2.75	5.17	25
98052	2	3	2/0-14	.365 - .064	3/16	2.13	4.25	2.65	25

Streetlighting In-line Mechanical Break-Away Disconnect Kits



67064 Fusible



67065 Non-Fused

Kit Includes:

EPDM Rubber Housing, Fuse Clips, Connecting Link (as Required), Silicone Lubricant. Fuse Not Included.

- Break-Away Design Separates Under Tension so wires don't break
- Ensures a Fully Insulated, Watertight and Submersible connection
- Fuse or Connecting Link stays in load side when separated
- Approved for a wide range of Aluminum or Copper conductors
- Accommodates Insulated Wire up to .38" Diameter
- Accepts Standard Cartridge Fuses 13/32" X 1-1/2" - No Glass Fuses
- 30A 600V Max

Cat. No.	Fused/ Non-Fused	Wire Range Run	Wire Range Tap	Dimensions (inches)		Case Qty
				Dia.	L	
67064	Fused	#12 - #4	#12 - #4	1-1/16	5-3/8	25
67065	Non-Fused	#12 - #4	#12 - #4	1-1/16	5-3/8	25

Streetlighting Y-Type Mechanical Break-Away Disconnect Kits



67066 Fusible



67067 Non-Fused

Kit Includes:

EPDM Rubber Housing, Fuse Clips, Connecting Link (as Required), Silicone Lubricant. Fuse Not Included.

- Break-Away Design Separates Under Tension so wires don't break
- Ensures a Fully Insulated, Watertight and Submersible connection
- Fuses or Connecting Link stay in load side when separated
- Approved for a wide range of Aluminum or Copper conductors
- Accommodates Insulated Wire up to .78" Dia.(Run) .38" Dia.(Tap)
- Accepts Standard Cartridge Fuses 13/32" X 1-1/2" - No Glass Fuses
- 30A 600V Max

Cat. No.	Fused/ Non-Fused	Wire Range Run	Wire Range Tap	Dimensions (inches)		Case Qty
				Dia.	L	
67066	Fused	#14 - #2	#12 - #4	1-5/8"	9-3/4"	25
67067	Non-Fused	#14 - #2	#12 - #4	1-5/8"	9-3/4"	10

Streetlighting In-line Compression Break-Away Disconnect Kits



Fusible



Non-Fused

Kit Includes:

EPDM Rubber Housing, Fuse Clips, Connecting Link (as Required), Silicone Lubricant. Fuse Not Included.

- Break-Away Design Separates Under Tension so wires don't break
- Compression Connectors are durable & maintenance free
- Ensures a Fully Insulated, Watertight and Submersible connection
- Fuse or Connecting Link stays in load side when separated
- Approved for a wide range of Aluminum or Copper conductors
- Accommodates Insulated Wire up to .38" Diameter
- Accepts Standard Cartridge Fuses 13/32" X 1-1/2" - No Glass Fuses
- 30A 600V Max

Cat. No.	Fused/ Non-Fused	Wire Range Run	Wire Range Tap	Dimensions (inches)		Case Qty
				Dia.	L	
67068	Fused	#14 - #6	#14 - #6	1-1/16	5-3/8	25
67069	Fused	#4 - #2	#4 - #2	1-1/16	5-3/8	25
67070	Non-Fused	#14 - #6	#14 - #6	1-1/16	5-3/8	25
67071	Non-Fused	#4 - #2	#4 - #2	1-1/16	5-3/8	25

Streetlighting Y-Type Compression Break-Away Disconnect Kits



Fusible



Non-Fused

Kit Includes:

EPDM Rubber Housing, Fuse Clips, Connecting Link (as Required), Silicone Lubricant. Fuse Not Included.

- Break-Away Design Separates Under Tension so wires don't break
- Mechanical Run & Compression Tap Connectors
- Ensures a Fully Insulated, Watertight and Submersible connection
- Fuses or Connecting Link stay in load side when separated
- Approved for a wide range of Aluminum or Copper conductors
- Accommodates Insulated Wire up to .78" Dia.(Run) .38" Dia.(Tap)
- Accepts Standard Cartridge Fuses 13/32" X 1-1/2" - No Glass Fuses
- 30A 600V Max

Cat. No.	Fused/ Non-Fused	Wire Range Run	Wire Range Tap	Dimensions (inches)		Case Qty
				Dia.	L	
67072	Fused	#14 - #2	#14 - #6	1-5/8"	9-3/4"	25
67073	Fused	#14 - #2	#4 - #2	1-5/8"	9-3/4"	20
67074	Non-Fused	#14 - #2	#14 - #6	1-5/8"	9-3/4"	25
67075	Non-Fused	#14 - #2	#4 - #2	1-5/8"	9-3/4"	25

Y-Type Mechanical Streetlighting Kit



Kit Includes:

EPDM Rubber Housing, Fuse Clips, Connecting Link (as Required), Silicone Lubricant

- ▶ Underground Mechanical Streetlight Splice Kit
- ▶ Watertight, Submersible & Re-Enterable
- ▶ Approved for use with aluminum or copper conductors
- ▶ Ensures a fully insulated, water-tight repair splice - no taping, heat shrink or mastic required
- ▶ Includes AL9CU Aluminum Connector

Cat. No.	Kit Type	Wire Range Copper	Wire Range Aluminum	Connector Hex Size	Dimensions (inches)		Case Qty
					Dia.	L	
67062	Y Type	#14 - #4	#14 - #2	3/16"	1-5/8"	6-3/4"	25

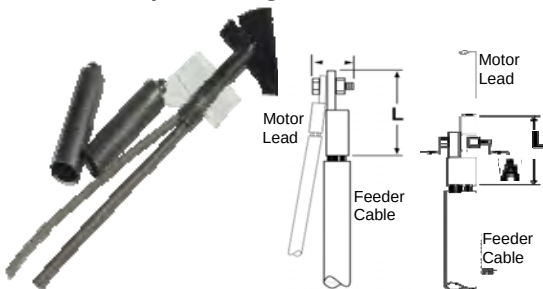
Streetlighting Splice Kit - Compression - Heat Shrink



- ▶ Rated for Cable Run/Tap Splices in Street/Parking Lot/Security Lighting Applications
- ▶ Cross Linked Polyolefin Heat Shrink Jacketing Material
- ▶ Provides Excellent Strain Relief, Impact & Abrasion Resistance
- ▶ Thermoplastic Adhesive Liner Seals Splice from Environment
- ▶ Electrolytic Copper C-Tap Compression Connectors
- ▶ 600V Rated for Primary Insulation, UV Resistant
- ▶ Operating Temperature: -55°C to 110°C (-67°F to 220°F)
- ▶ Kit Includes 2 Inner Sleeves, 1 Outer Sleeve & C-Taps
- ▶ #67049 Accommodates Ground Conductor

Cat. No.	Wire Range Solid	Wire Range Stranded	C-Tap Connectors	Voltage	Bag Qty
67048	#10	#12	2 pcs	600	1
67049	#10	#12	3 pcs	600	1

Cable Splicing - Motor Termination Kit - Heat Shrink



- ▶ Stub or In-Line Splice/Motor Termination Kits - 600 Volt
- ▶ Fast Easy Installation/Removal for Motor Maintenance/Change-Outs
- ▶ Heat Shrink Cap/Tubing & Mastic Sealant Combine for Excellent Environmental Seal
- ▶ Permanent Watertight Seal Protects Against Voltage Leakage, Deterioration, Cable Failure & Provides Corona Effect Relief
- ▶ Normal Service Temperature Range: -55°C to 110°C (-67°F to 220°F)
- ▶ Kit includes 3 Caps or Sleeves, 3 Pieces of Mastic Sealant & 3 Pieces of Protective Tape per Kit. Hardware not Included.

Cat. No.	Wire Range	Splice Type	Dim. A	Dim. L	Cap/Tube Length	Bag Qty	Case Qty
67032	#14 - #8	Stub	.625"	2.00"	3.50"	1	5
67033	#8 - #2	Stub	.750"	2.50"	4.00"	1	5
67034	#4 - 4/0	Stub	1.000"	3.50"	4.50"	1	5
67035	4/0 - 500	Stub	1.500"	5.50"	5.00"	1	5
67036	#8 - 4/0	In-Line	1.250"	5.00"	9.00"	1	5
67037	250 - 1000	In-Line	1.500"	8.00"	12.00"	1	5

Cable Splicing - 1KV Splice/Tap Kit - Heat Shrink



- ▶ In-line Splice/Tap Kit for Low Voltage (1000V) Applications
- ▶ Designed for In-line Split Bolt, Compression, Y-Tap, H-Tap, C-Tap Splices
- ▶ Cross Linked High Shrink Ratio Polyolefin Jacket Accommodates Odd Shapes
- ▶ Kit Includes Adhesive Lined Heat Shrinkable Wrap Around Sleeve with Flexible Stainless Steel Locking Channel, Mastic Sealant & Protective Strips
- ▶ 1000V Rated for Primary Insulation, UV Resistant
- ▶ Installation Temperature: -15°C to +50°C (5°F to +122°F)
- ▶ Packed in Sealed Plastic Bags
- ▶ Rated for use with Split Bolts up to #2 AWG (Main or Tap) Cable Sizes

Cat. No.	Main (Run) Wire Range	Branch (Tap) Wire Range	Sleeve Length (Inches)	Connector Length Max (Inches)	Voltage	Bag Qty	Case Qty
67016	#8 - #2	#10 - #2	6	2	1000	1	10
67017	#2 - 4/0	#10 - 4/0	8	4	1000	1	10
67018	4/0 - 500	#2 - 500	10	6	1000	1	10

UF Direct Burial Splice Kits - Heat Shrink

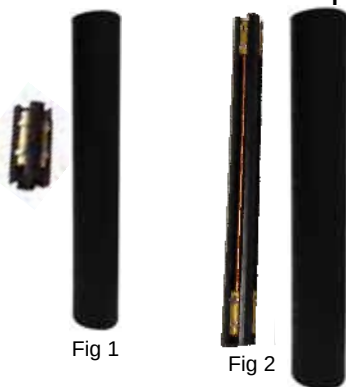


Fig 1



Fig 2

- ▶ Labor savings - simplifies splicing UF cable by obsoleting messy multi part splicing kits, Seal with heat gun or torch
- ▶ Provides a reliable, moisture proof electrical connection for UF cable
- ▶ 14/3 or 12/3 minimum to 8/3 maximum
- ▶ 67000 comes complete with one 4-position brass connector and one 8" piece of adhesive/sealant lined heat shrink tubing
- ▶ 67001 comes complete with 11-1/2" connector and one 20" piece of water impervious adhesive/sealant heat shrink tubing
- ▶ UL486D Listed Submersible & Raintight, 600 Volt 221°F (105°C)

Cat. No.	Fig	Description	Bag Qty
67000	1	14-8 AWG UF Direct Burial Splice Kit	1
67001	2	14-8 AWG UF Direct Burial Stretcher Splice Kit	1

Direct Burial UF In-Line Splice Kit - EPDM Rubber Cover



- ▶ Perfect for 14/2, 14/3, 12/2, 12/3, 10/2, 10/3 UF Cable Applications
- ▶ No Taping, Mixing, Mastics or Heat Gun Required
- ▶ Specially designed UF Adaptor Opening Molded into Cover
- ▶ Waterproof, Submersible & Re-Enterable, UV Resistant
- ▶ Connector Included

Cat. No.	Wire Range	Connector (Inches)		Cover (inches)		Case Qty
		Dia	L	Dia.	L	
67056	14/2 - 10/3	.86	1.81	1.63	8.31	5

Dual Rated Splice Kits - Heat Shrink



Fig 1

Fig 2

- ▶ Eliminates Expensive Crimping Tools when Splicing Aluminum or Copper Conductors for Direct Burial
- ▶ Kit comes complete with one mechanical connector and one piece of heat shrink tubing
- ▶ For Repair and/or Extending type USE or other Electrical Cable
- ▶ Seal with heat gun or torch
- ▶ UL Listed Components, 600 Volt maximum 221°F (105°C) rating

Cat. No.	Fig	Description	Bag Qty
67002	1	8-2 AWG Dual Rated Butt Splice	1
67004	1	6-1/0 AWG Dual Rated Butt Splice	1
67003	1	8-2/0 AWG Dual Rated Butt Splice	1
67005	1	3/0-250MCM AWG Dual Rated Butt Splice	1
67006	2	3/0-250MCM AWG Dual Rated Butt Splice	1

Mechanical Splice Kits - EPDM Rubber Cover



- ▶ Prevents oxidation and keeps out moisture
- ▶ Approved for use with Aluminum or Copper Conductors
- ▶ Direct Burial & Submersible - Ensure a fully insulated, Water-tight Splice Repair - No taping or Heat Shrink or mastic required
- ▶ Perfect for repairing any 2, 3, or 4-wire installation
- ▶ 600V, Meets or Exceeds C119.4, RUS Accepted

Cat. No.	Wire Range AWG	Screw Configuration	Connector (Inches)		Cover (inches)		Case Qty
			Dia.	L.	Dia.	L	
67058	#6 - 350 MCM	2 Screw	1.13	2.56	1.55	10.45	25
67060	#6 - 350 MCM	4 Screw	1.13	4.06	1.55	10.45	25

Direct Burial Splice Covers - EPDM Rubber



- ▶ For Direct Burial, Underground Vault, Overhead Service Splices
- ▶ Approved for Aluminum or Copper Conductors, Connector Not Included
- ▶ Ensures a Fully Insulated, Water-Tight Repair Splice - No Taping, Heat Shrink or Mastic Required, 600V, REA Approved

Cat. No.	Wire Range AWG	Wire Range Diameter	*Dimensions (inches)		Case Qty
			Dia.	L	
67052	#14 - 2/0	.15 - .60	1.01	5.97	250
67053	#14 - 350	.15 - .98	1.27	8.25	100
67054	#14 - 500	.15 - 1.175	1.55	10.45	100

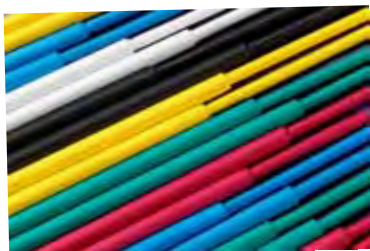
SECTION

E



Heat Shrink

- ▶ Thin Wall Heat Shrink E1-E4
- ▶ Medium Wall E4
- ▶ Heavy Wall E5
- ▶ Cold Shrink E6
- ▶ End Caps E6
- ▶ Repair Sleeves E6



- ▶ Flexible Polyolefin Heat Shrink Tubing
- ▶ 2:1 Shrink Ratio
- ▶ 600 Volt
- ▶ 257°F (125°C) Continuous Operation
- ▶ For Insulating, Wire Harness, Wire Bundling, Splicing & Terminations
- ▶ UL 224 Recognized

Dimensions = Inches

Cat No.	Length	Color	Diameter Before Shrinking	Diameter After Shrinking	Bag Qty
68030	6"	Black	.078	.029	50
68032	6"	Black	.098	.039	50
68034	6"	Black	.137	.059	50
68036	6"	Black	.211	.098	10
68038	6"	Black	.250	.117	10
68040	6"	Black	.367	.176	10
68042	6"	Black	.484	.234	10
68044	6"	Black	.827	.390	10
68046	6"	Black	1.26	.590	10
68322	6"	Clear	.078	.029	50
68323	6"	Clear	.098	.039	50
68324	6"	Clear	.137	.059	50
68325	6"	Clear	.211	.098	10
68326	6"	Clear	.250	.117	10
68327	6"	Clear	.367	.176	10
68328	6"	Clear	.484	.234	10
68329	6"	Clear	.827	.390	10
68331	6"	Red	.078	.029	50
68332	6"	Red	.098	.039	50
68333	6"	Red	.137	.059	50
68334	6"	Red	.211	.098	10
68335	6"	Red	.250	.117	10
68336	6"	Red	.367	.176	10
68337	6"	Red	.484	.234	10
68338	6"	Red	.827	.390	10
68339	6"	Red	1.26	.590	10
68340	6"	Green	.078	.029	50
68341	6"	Green	.098	.039	50
68342	6"	Green	.137	.059	50
68343	6"	Green	.211	.098	10
68344	6"	Green	.250	.117	10
68345	6"	Green	.367	.176	10
68346	6"	Green	.484	.234	10
68347	6"	Green	.827	.390	10
68348	6"	Green	1.26	.590	10
68349	6"	White	.078	.029	50
68350	6"	White	.098	.039	50
68351	6"	White	.137	.059	50
68352	6"	White	.211	.098	10
68353	6"	White	.250	.117	10
68354	6"	White	.367	.176	10
68355	6"	White	.484	.234	10
68356	6"	White	.827	.390	10
68357	6"	White	1.26	.590	10
68358	6"	Blue	.078	.029	50
68359	6"	Blue	.098	.039	50
68360	6"	Blue	.137	.059	50
68361	6"	Blue	.211	.098	10
68362	6"	Blue	.250	.117	10
68363	6"	Blue	.367	.176	10
68364	6"	Blue	.484	.234	10
68365	6"	Blue	.827	.390	10
68366	6"	Blue	1.26	.590	10

Thin Wall Heat Shrink Tubing - 4' Length



- ▶ Flexible Polyolefin Heat Shrink Tubing
- ▶ 2:1 Shrink Ratio
- ▶ 600 Volt
- ▶ 257°F (125°C) Continuous Operation
- ▶ For Insulating, Wire Harness, Wire Bundling, Splicing & Terminations
- ▶ UL 224 Recognized

Dimensions = Inches

Cat. No.	Length	Color	Diameter Before Shrinking	Diameter After Shrinking	Bag Qty
68072	4 Ft	Black	.078	.029	1
68074	4 Ft	Black	.098	.039	1
68076	4 Ft	Black	.137	.059	1
68078	4 Ft	Black	.211	.098	1
68080	4 Ft	Black	.250	.117	1
68082	4 Ft	Black	.367	.176	1
68084	4 Ft	Black	.484	.234	1
68086	4 Ft	Black	.827	.390	1
68088	4 Ft	Black	1.26	.590	1
68382	4 Ft	Clear	.078	.029	1
68383	4 Ft	Clear	.098	.039	1
68384	4 Ft	Clear	.137	.059	1
68385	4 Ft	Clear	.211	.098	1
68386	4 Ft	Clear	.250	.117	1
68387	4 Ft	Clear	.367	.176	1
68388	4 Ft	Clear	.484	.234	1
68389	4 Ft	Clear	.827	.390	1
68391	4 Ft	Red	.078	.029	1
68392	4 Ft	Red	.098	.039	1
68393	4 Ft	Red	.137	.059	1
68394	4 Ft	Red	.211	.098	1
68395	4 Ft	Red	.250	.117	1
68396	4 Ft	Red	.367	.176	1
68397	4 Ft	Red	.484	.234	1
68398	4 Ft	Red	.827	.390	1
68399	4 Ft	Red	1.26	.590	1
68400	4 Ft	Green	.078	.029	1
68401	4 Ft	Green	.098	.039	1
68402	4 Ft	Green	.137	.059	1
68403	4 Ft	Green	.211	.098	1
68404	4 Ft	Green	.250	.117	1
68405	4 Ft	Green	.367	.176	1
68406	4 Ft	Green	.484	.234	1
68407	4 Ft	Green	.827	.390	1
68408	4 Ft	Green	1.26	.590	1
68409	4 Ft	White	.078	.029	1
68410	4 Ft	White	.098	.039	1
68411	4 Ft	White	.137	.059	1
68412	4 Ft	White	.211	.098	1
68413	4 Ft	White	.250	.117	1
68414	4 Ft	White	.367	.176	1
68415	4 Ft	White	.484	.234	1
68416	4 Ft	White	.827	.390	1
68417	4 Ft	White	1.26	.590	1
68418	4 Ft	Blue	.078	.029	1
68419	4 Ft	Blue	.098	.039	1
68420	4 Ft	Blue	.137	.059	1
68421	4 Ft	Blue	.211	.098	1
68422	4 Ft	Blue	.250	.117	1
68423	4 Ft	Blue	.367	.176	1
68424	4 Ft	Blue	.484	.234	1
68425	4 Ft	Blue	.827	.390	1
68426	4 Ft	Blue	1.26	.590	1



- ▶ Flexible Polyolefin Heat Shrink Tubing
- ▶ 2:1 Shrink Ratio
- ▶ 600 Volt
- ▶ 257°F (125°C) Continuous Operation
- ▶ For Insulating, Wire Harness, Wire Bundling, Splicing & Terminations
- ▶ Various Reel Lengths
- ▶ UL 224 Recognized

Dimensions = Inches

Cat. No.	Length	Color	Diameter Before Shrinking	Diameter After Shrinking	Box Qty
68050	660 Ft	Black	.078	.029	1 Roll
68052	660 Ft	Black	.098	.039	1 Roll
68054	660 Ft	Black	.137	.059	1 Roll
68056	330 Ft	Black	.211	.098	1 Roll
68058	330 Ft	Black	.250	.117	1 Roll
68060	165 Ft	Black	.367	.176	1 Roll
68062	165 Ft	Black	.484	.234	1 Roll
68064	165 Ft	Black	.827	.390	1 Roll
68066	165 Ft	Black	1.26	.590	1 Roll
68442	660 Ft	Clear	.078	.029	1 Roll
68443	660 Ft	Clear	.098	.039	1 Roll
68444	660 Ft	Clear	.137	.059	1 Roll
68445	330 Ft	Clear	.211	.098	1 Roll
68446	330 Ft	Clear	.250	.117	1 Roll
68447	165 Ft	Clear	.367	.176	1 Roll
68448	165 Ft	Clear	.484	.234	1 Roll
68449	165 Ft	Clear	.827	.390	1 Roll
68451	660 Ft	Red	.078	.029	1 Roll
68452	660 Ft	Red	.098	.039	1 Roll
68453	660 Ft	Red	.137	.059	1 Roll
68454	330 Ft	Red	.211	.098	1 Roll
68455	330 Ft	Red	.250	.117	1 Roll
68456	165 Ft	Red	.367	.176	1 Roll
68457	165 Ft	Red	.484	.234	1 Roll
68458	165 Ft	Red	.827	.390	1 Roll
68459	165 Ft	Red	1.26	.590	1 Roll
68460	660 Ft	Green	.078	.029	1 Roll
68461	660 Ft	Green	.098	.039	1 Roll
68462	660 Ft	Green	.137	.059	1 Roll
68463	330 Ft	Green	.211	.098	1 Roll
68464	330 Ft	Green	.250	.117	1 Roll
68465	165 Ft	Green	.367	.176	1 Roll
68466	165 Ft	Green	.484	.234	1 Roll
68467	165 Ft	Green	.827	.390	1 Roll
68468	165 Ft	Green	1.26	.590	1 Roll
68469	660 Ft	White	.078	.029	1 Roll
68470	660 Ft	White	.098	.039	1 Roll
68471	660 Ft	White	.137	.059	1 Roll
68472	330 Ft	White	.211	.098	1 Roll
68473	330 Ft	White	.250	.117	1 Roll
68474	165 Ft	White	.367	.176	1 Roll
68475	165 Ft	White	.484	.234	1 Roll
68476	165 Ft	White	.827	.390	1 Roll
68477	165 Ft	White	1.26	.590	1 Roll
68478	660 Ft	Blue	.078	.029	1 Roll
68479	660 Ft	Blue	.098	.039	1 Roll
68480	660 Ft	Blue	.137	.059	1 Roll
68481	330 Ft	Blue	.211	.098	1 Roll
68482	330 Ft	Blue	.250	.117	1 Roll
68483	165 Ft	Blue	.367	.176	1 Roll
68484	165 Ft	Blue	.484	.234	1 Roll
68485	165 Ft	Blue	.827	.390	1 Roll
68486	165 Ft	Blue	1.26	.590	1 Roll

Thin Wall Heat Shrink Tubing - Kits



68320



68321

Dimensions = Inches

Cat. No.	Kit Type	Contents				
		Length	Color	Diameter Before Shrinking	Diameter After Shrinking	Total Pieces
Colored Kit						
68320	Colored Kit	1.375	(5)Red, (5)Blue, (5)White, (5)Yellow	.078	.029	20
		1.375	(5)Red, (5)Blue, (5)White, (5)Yellow	.098	.039	20
		1.375	(5)Red, (5)Blue, (5)White, (5)Yellow	.137	.059	20
		1.375	(5)Red, (5)Blue, (5)White, (5)Yellow	.212	.098	20
		2.953	(3)Red, (2)Blue, (3)White, (2)Yellow	.251	.117	10
		2.953	(1)Red, (2)Blue, (1)White, (1)Yellow	.370	.176	5
		2.953	(1)Red, (2)Blue, (1)White, (1)Yellow	.488	.236	5
Black Kit						
68321	Black Kit	1.375	(20)Black	.078	.029	20
		1.375	(20)Black	.098	.039	20
		1.375	(20)Black	.137	.059	20
		1.375	(20)Black	.212	.098	20
		2.953	(10)Black	.251	.117	10
		2.953	(5)Black	.370	.176	5
		2.953	(5)Black	.488	.236	5

Heat Shrink

E4

Medium Wall Heat Shrink Tubing - 3:1 Shrink Ratio



Dimensions = Inches

- ▶ 3:1 Shrink Ratio
- ▶ Suitable for Electrical and Mechanical Applications where Lighter Weight and Flexibility are Important
- ▶ Seals and Protects Cable Splices and Terminations
- ▶ High Resistance to Impact and Abrasion
- ▶ 4' Lengths have Adhesive Liner for Complete Environmental Protection and Insulation
- ▶ Continuous Operating Temperature:
 - ▶ -67°F to 230°F (-55°C to 110°C)
- ▶ Shrink Temperature: 248°F (120°C)
- ▶ Rated for 600-2500V
- ▶ UL486D
- ▶ Black Color

Cat. No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness
68112	12-6	4'	.40	.15	.080
68114	8-1/0	4'	.75	.22	.080
68116	2-4/0	4'	1.10	.40	.080
68118	--	4'	1.30	.40	.080
68120	3/0-400	4'	1.50	.50	.080
68122	-	4'	1.70	.50	.080
68124	250-750	4'	2.05	.75	.080
68126	-	4'	2.75	1.00	.080
68128	800-1250	4'	3.50	1.18	.095
68130	1500-2500	4'	4.70	1.57	.105
68132	-	4'	6.70	2.30	.110

Rolls

68142	12-6	50'	.40	.15	.080
68144	8-1/0	25'	.75	.22	.080
68146	2-4/0	25'	1.10	.40	.080
68148	3/0-400	50'	1.30	.40	.080
68150	-	50'	1.50	.50	.080
68152	250-750	25'	1.70	.50	.080
68154	800-1250	25'	3.50	1.18	.095
68156	1500-2500	50'	4.70	1.57	.105
68158	-	25'	6.70	2.30	.110

Heavy Wall Heat Shrink Tubing



- ▶ 3:1 Shrink Ratio
- ▶ Provides maximum reliability for insulating and protection of cable joints and terminations
- ▶ Withstands Severe Mechanical Requirements of U.R.D. Submersible and Direct Burial Installations
- ▶ High Impact, Abrasion, Corrosion and Chemical Resistance
- ▶ Rated for 600-2500V, 90°C Continuous Use
- ▶ 4' Lengths have Thermoplastic Adhesive Liner
- ▶ Provides Complete Environmental Protection and Insulation
- ▶ Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guide Numbers 2.4, 2.5, ICEA and NEMA insulation thickness Standard
- ▶ Continuous operating temperature: -67°F to 230°F
- ▶ Shrink temperature: 248°F (120°C)
- ▶ Heavy Wall holds better mechanically & has better underground protection than medium wall
- ▶ Black color

Dimensions = Inches

Cat. No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness
68162	#14-#10	4'	0.35	0.12	.07
68164	#8-#6	4'	0.51	0.16	.09
68166	#6-#2	4'	0.75	0.24	.09
68168	#1-#3/0	4'	1.10	0.35	.12
68170	2/0-350	4'	1.50	0.47	.16
68172	250-500	4'	2.00	0.63	.16
68174	600-1000	4'	2.70	0.87	.16
68176	800-1250	4'	3.54	1.18	.16
68178	1500-2500	4'	4.72	1.57	.17

Rolls

68182	#14-#10	25'	0.35	0.12	.07
68186	#6-#2	25'	0.75	0.24	.09
68188	#1-#3/0	25'	1.10	0.35	.12
68190	2/0-350	25'	1.50	0.47	.16
68192	250-500	25'	2.00	0.63	.16
68194	600-1000	25'	2.70	0.87	.16
68196	800-1250	25'	3.54	1.18	.16

Heavy Wall Heat Shrink Tubing - Flame Retardant



- ▶ 3:1 Shrink Ratio allows Various Shapes & Contours to be Accommodated
- ▶ Insulates & Protects Electrical Splices & terminations where maximum flame retardants is required
- ▶ Adhesive sealant liner provides complete environmental protection and insulation

- ▶ High impact and abrasion resistance capable of withstanding severe mechanical abuse in Submersible and Direct Burial installations
- ▶ Will Not Split or Rupture during installation
- ▶ Flame Retardant
- ▶ Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guides Nos. 2.4, 2.5, MIL-DTL-23053/15, IEEE 383 Vertical Flame Test, ANSI C37.20.2, ICEA S-19-8 and NEMA insulation thickness requirements
- ▶ Rated for 1KV, 90°C continuous use
- ▶ Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- ▶ Shrink temperature: 248°F (120°C)
- ▶ Black color

Dimensions = Inches

Cat. No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness	Bag Qty
68004	12 - 8 AWG	6"	0.40	0.13	.09	10
68008	6 - 2 AWG	6"	0.75	0.24	.09	10
68011	1 - 3/0 AWG	8"	1.10	0.35	.12	5
68012	1 - 3/0 AWG	12"	1.10	0.35	.12	1
68015	2/0 - 350 MCM	8"	1.50	0.47	.16	4
68020	250-500 MCM	12"	2.00	0.63	.16	1

48" Lengths

68022	12 - 8 AWG	48"	0.40	0.13	.09	1
68023	6 - 2 AWG	48"	0.75	0.24	.09	1
68024	1 - 3/0 AWG	48"	1.10	0.35	.12	1
68025	2/0 - 350 MCM	48"	1.50	0.47	.16	1
68026	250-500 MCM	48"	2.00	0.63	.16	1

Cold Shrink



- ▶ Submersible Rated for Cable Jacket Repair & Splicing
- ▶ Conforms to ANSI C119.1 1986
- ▶ Silicone Rubber Jacketing Material
- ▶ Durable Tear Resistant Removable Rip-Cord Core
- ▶ 1000V Rated for Primary Insulation
- ▶ UV Resistant

Dimensions = Inches

Cat. No.	Conductor	Application	Length	Voltage	Bag Qty	Case Qty
68302	#2 - 1/0	0.37 - 0.57	8	1000	1	10
68304	2/0 - 400	0.57 - 1.35	9	1000	1	10
68306	500 - 800	0.97 - 1.95	9	1000	1	10
68308	500 - 800	0.97 - 1.95	12	1000	1	10
68310	900 - 1000	1.32 - 2.65	9	1000	1	10
68312	1250 - 2000	1.63 - 3.67	9	1000	1	10

Heat Shrink End Caps



- ▶ Simple & effective method for sealing cable ends, pipe & conduit
- ▶ Superior Resistance to Weathering, Moisture Contamination, Adverse Environmental Conditions & Common Fluid/Solvents
- ▶ Adhesive Liner provides complete environmental protection & insulation
- ▶ Heat Indicating Lines
- ▶ Continuous Operating Temperature -67°F to 230°F (-55°C to 110°C)
- ▶ Rated to 1KV 194°F (90°C) continuous use
- ▶ UL486D - Shrink temperature of 248°F (120°C)
- ▶ Black Color

Dimensions = Inches

Cat. No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness
68232	2-4/0	3.5	.75	.22	.08
68234	300-1000MCM	4.0	1.30	.40	.08
68236	500-1500MCM	4.5	1.50	.50	.08
68238	900-2500MCM	4.5	2.05	.75	.08
68240	2000-2500MCM	5.0	2.75	1.00	.08

Heat Shrink Cable Repair Sleeve - 3:1 Shrink Ratio



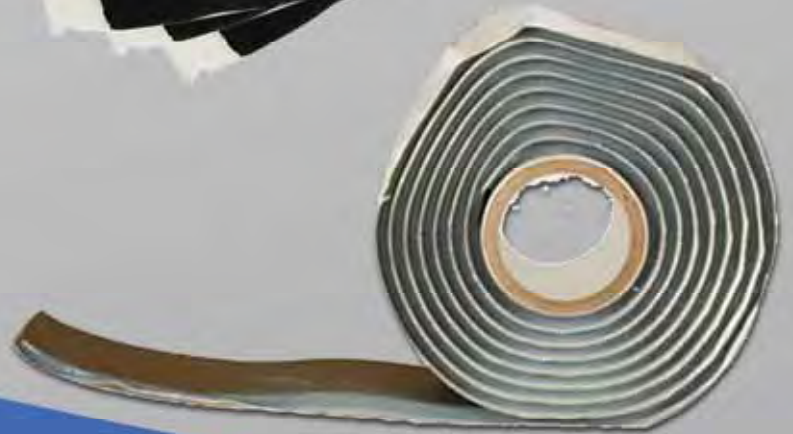
- ▶ Recommended for Above Ground Use
- ▶ A Superior Wraparound Insulation that easily installs in Repair and Splice Applications providing Excellent Insulation and Protection for Cable Jackets
- ▶ Shut Down of system Not Required for repair
- ▶ High Shrink Ratio covers even irregular shapes
- ▶ Better split resistance than competitive products
- ▶ Simple RAIL-LESS installation with clamshell design
- ▶ Thermoplastic Adhesive Liner provides complete environmental protection and insulation
- ▶ Meets ICEA and NEMA insulation thickness specification
- ▶ Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- ▶ Shrink temperature: 248°F (120°C)
- ▶ Black Color

Dimensions = Inches

Cat. No.	Cable Range	Length	Diameter Before Shrinking	Diameter After Shrinking	Wall Thickness
68212	8-3/0	36	1.20	0.24	.08
68214	2/0-400	36	1.80	0.60	.08
68216	400-1000	36	2.70	0.95	.08
68218	1000-2000	36	3.60	1.30	.08
68220	Multiple Conductor	36	4.95	1.65	.08
68222	Multiple Conductor	36	6.75	2.50	.08

SECTION

F



Tape

**Premium Vinyl
Splicing Tapes**



F1-F2

**General Purpose
Vinyl Electrical Tape**



F2

**Wire Harness
Tape**



F3

**600V Rubber & Friction
Tape**



F3

**69KV Splicing
Tape**



F3

Copper Shield



F3

**Rubber Mastic
Tape & Pads**



F4

Filler Tape



F4

**Pipe Wrap
Tape**



F4

**Cable
Cleaner Kit**



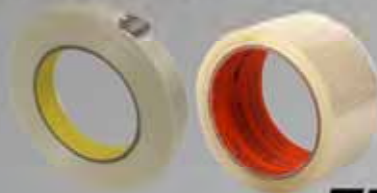
F4

Duct Tape



F5

**Packaging &
Strapping Tape**



F5

**Caution &
Underground Tape**



F6

Premium+ 7 Mil Professional Grade Electrical Tape



Comparable to 3M 33+ & 35

- ▶ 3/4" X 66Ft X 7Mil
- ▶ All Weather Professional Grade Splicing Tape used as Primary Insulation up to 600V and as a Protective Outer Jacket up to 69KV
- ▶ Flame Retardant & Weather Resistant
- ▶ Excellent Cold Weather Resistant Properties -1°F to 221°F (-18°C to 105°C)
- ▶ High Dielectric Strength, High Adhesion and Shear
- ▶ Highly Elastic Polymeric Vinyl Backing - Excellent Elongation
- ▶ Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- ▶ UL 510 & CSA 22.2 Approved
- ▶ ASTM-D-3005 HH-I-595C
- ▶ Lead Free



Cat. No.	Color	Size	Packaging Type	Case Qty
60110	Black	3/4" X 66Ft	Plastic Cup	100
60111	Red	3/4" X 66Ft	Plastic Cup	100
60112	White	3/4" X 66Ft	Plastic Cup	100
60113	Yellow	3/4" X 66Ft	Plastic Cup	100
60114	Green	3/4" X 66Ft	Plastic Cup	100
60115	Blue	3/4" X 66Ft	Plastic Cup	100
60116	Brown	3/4" X 66Ft	Plastic Cup	100
60117	Orange	3/4" X 66Ft	Plastic Cup	100
60118	Gray	3/4" X 66Ft	Plastic Cup	100
60119	Violet	3/4" X 66Ft	Plastic Cup	100

Premium+ 8.5 Mil Professional Grade Heavy Duty Electrical Tape



Comparable to 3M Super 88

- ▶ 3/4" X 66Ft X 8.5Mil
- ▶ Heavier thickness for added mechanical & electrical protection
- ▶ All Weather Professional Grade Splicing Tape used as Primary Insulation up to 600V and as a Protective Outer Jacket up to 69KV
- ▶ Flame Retardant & Weather Resistant
- ▶ Excellent Cold Weather Resistant Properties -1°F to 221°F (-18°C to 105°C)
- ▶ High Dielectric Strength, High Adhesion and Shear
- ▶ Highly Elastic Polymeric Vinyl Backing - Excellent Elongation
- ▶ Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- ▶ UL 510 & CSA 22.2 Approved
- ▶ ASTM-D-3005 HH-I-595C
- ▶ Mil Spec Approved - MIL-I-24391C
- ▶ Lead Free

Cat. No.	Color	Size	Packaging Type	Case Qty
60205	Black	3/4" X 66Ft	Plastic Cup	100
60206	Black	2" X 66Ft	Cello	40
60207	Black	2' X 108Ft	Cello	40

Premium 7 Mil Commercial Grade Electrical Tape



Comparable to 3M Highland

- ▶ 3/4" X 66Ft X 7Mil
- ▶ Used for General Purpose Splicing as Primary Insulation to 600V and as a Protective Outer Jacket at Higher Voltages
- ▶ Flame Retardant & Weather Resistant
- ▶ Cold Weather Resistant -1°F to 221°F (-18°C to 105°C)
- ▶ Good Dielectric Strength, High Adhesion and Shear
- ▶ Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- ▶ UL 510 & CSA 22.2 Approved
- ▶ MIL-I-7798A
- ▶ Lead Free

Cat. No.	Color	Size	Packaging Type	Sleeve Qty	Case Qty
60100	Black	3/4" X 66Ft	Cello	10	100

Premium 8.5 Mil Commercial Grade Electrical Tape

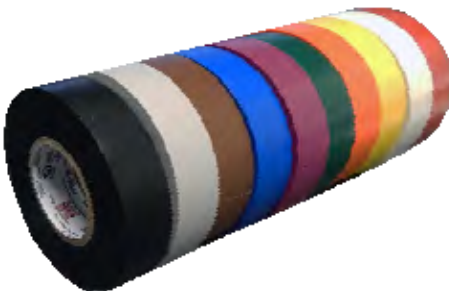


Comparable to 3M Super 88

- ▶ 3/4" X 66Ft X 8.5Mil
- ▶ Heavier thickness for added mechanical & electrical protection
- ▶ Used for General Purpose Splicing as Primary Insulation to 600V and as a Protective Outer Jacket at Higher Voltages
- ▶ Flame Retardant & Weather Resistant
- ▶ Cold Weather Resistant -1°F to 221°F (-18°C to 105°C)
- ▶ Good Dielectric Strength, High Adhesion and Shear
- ▶ Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- ▶ UL 510 & CSA 22.2 Approved
- ▶ MIL-I-7798A
- ▶ Lead Free

Cat. No.	Color	Size	Packaging Type	Case Qty
60200	Black	3/4" X 66Ft	Cello	100
60202	Black	2" x 66Ft	Cello	40

General Purpose Vinyl Electrical Tape



Comparable to 3M 1700 & 1400

- ▶ 3/4" X 60Ft X 7Mil
- ▶ Used for Protective Jacketing & Bundling/Harnessing
- ▶ Resistant to Acids, Alkalis, Chemicals, Oils, Moisture, Sunlight & Corrosion
- ▶ Flame Retardant and Weather Resistant
- ▶ UL 510 & CSA Approved
- ▶ Lead Free
- ▶ 600V

Cat. No.	Color	Package Type	Sleeve Qty	Case Qty
60000	Black	Cello	10	100
60010	Red	Cello	10	100
60020	White	Cello	10	100
60030	Yellow	Cello	10	100
60040	Green	Cello	10	100
60050	Blue	Cello	10	100
60060	Brown	Cello	10	100
60070	Orange	Cello	10	100
60080	Gray	Cello	10	100
60090	Violet	Cello	10	100

Wire Harness Tape



- ▶ Used for protecting, insulating, and bundling electrical wire harnesses
- ▶ High elongation & excellent conformability for wire harnesses
- ▶ 5 mil thickness

Cat. No.	Color	Size	Packaging Type	Case Qty
60280	Black	3/4" X 66Ft X 5Mil	Bulk	208

Friction Tape



Comparable to 3M 1755

- ▶ Cloth Construction Offering good Mechanical Protection Against Abrasion and Penetration of Cable, Splices and Wire
- ▶ Overwrap electrical connections
- ▶ Used for Temporary & Binding Tape Applications
- ▶ Adhesive Compound on both sides
- ▶ 1000v/mil minimum dielectric strength
- ▶ Meets ASTM-D69, .014" thickness

Cat. No.	Color	Size	Packaging Type	Case Qty
60210	Black	3/4" X 60Ft	Cello	100
60212	Black	2" X 60Ft	Cello	50

Rubber Splicing Tape - 600V



Comparable to 3M 2155

- ▶ Self Fusing Rubber with liner
- ▶ High quality unvulcanized rubber that will bond quickly to itself to form a solid mass of water-tight protection for electrical wires
- ▶ Primary insulation for electrical wires & cables splices of not more than 600V
- ▶ High elongation conforms to irregular shapes
- ▶ Flexible to withstand expansion and contraction
- ▶ High resistance to salt water, steam, oils, detergents, and other chemicals make it an ideal tape for pipe repair, automotive, marine, construction, etc.
- ▶ Dielectric strength 490 volts per mil, for use up to 176°F (80°C)

Cat. No.	Color	Size	Packaging Type	Case Qty
60220	Blue	3/4" x 22Ft x 30Mil	Cello	100
60222	Blue	2" x 22Ft x 30Mil	Cello	50

High Voltage Rubber Tape - 69KV



Comparable to 3M 130C

- ▶ Liner-Less Self Bonding High Voltage 30 mil EPR rubber Insulating Tape for Insulating and Jacketing Splices through 69kv
- ▶ Can also be used for building stress cones on power cable through 35KV
- ▶ Self-bonding, Self Amalgamating High Voltage Tape, provides tight, moisture resistant insulation without loss of electrical properties when elongated - Yields a Void-Free Build Up
- ▶ Excellent Corona, Ozone, and Chemical Resistance
- ▶ Permits Quicker Application than tape with liner
- ▶ ASTM-D-4388 HH-I-553C

Cat. No.	Color	Size	Packaging Type	Case Qty
60250	Black	3/4" X 30Ft X 30Mil	Boxed	60
60252	Black	1-1/2 " X 30Ft X 30Mil	Boxed	30

Tinned Copper Shield Tape



Comparable to 3M 24

- ▶ Tinned Copper Mesh Shielding Tape for Replacing Shield Layer in Shielded Cable Repair of High Voltage Splices & Terminations
- ▶ Highly Conformable, use to continue shielding across a splice
- ▶ Nonflammable & non-corrosive
- ▶ Compatible with cable oils, common solvents & adhesives
- ▶ Highly Conductive, Easily Soldered
- ▶ 1" Width allows for easy application and overlap for increased safety

Cat. No.	Size	Package Type	Case Qty
60260	1" X 15Ft	Boxed	40

Mastic Insulating Tape - 600V



Fig 1



Fig 2

Comparable to 3M 2229

- ▶ Self-Amalgamating 600V Rubber Mastic Tape
- ▶ For Insulating and Moisture Sealing all types of Overhead and Direct Burial Electrical Connections up to 600 Volts
- ▶ Can be wrapped, stretched or molded around irregular shapes for insulation build up, water sealing & surface protection
- ▶ Superior adhesion, moisture, & chemical resistance to Metals & Cable Insulations with no adverse effects on Polymeric Conducting Shields
- ▶ For Sealing Ductwork, Cable Ends, and all types of Splices
- ▶ 125 Mils, Black Color

Cat. No.	Fig	Size	Packaging Type	Case Qty
60240	1	3-3/4" X 10Ft	Boxed	12
60242	2	3-3/4" X 3-3/4" Pad	Boxed	80
60244	2	3-3/4" X 6-1/2" Pad	Boxed	32

Self Amalgamating Filler Tape



Comparable to 3M SCOTCHFIL

- ▶ Low Voltage Rubber Tape for Insulating compound designed for quick, Void-Free Insulation Build-Up
- ▶ Can easily be molded by hand to conform to irregular shapes
- ▶ Can be used a primary insulation for splices through 5KV in conjunction with other insulating tapes
- ▶ Ideal for covering split bolts, padding bus bar edges and connections
- ▶ Provides excellent moisture seal
- ▶ 125 Mils

Cat. No.	Color	Size	Packaging Type	Case Qty
60235	Black	1-1/2" X 5Ft	Boxed	24

Pipe Wrap Tape



Comparable to 3M 50

- ▶ Heavy Gauge Pressure Sensitive Vinyl Tape
- ▶ To protect pipe surfaces from Corrosion, Abrasion & Electrolytic action
- ▶ Complete Environmental, Mechanical, & Electrical Protection for all types of pipe, conduit, joints & valves
- ▶ Can be used indoors or outdoors for overhead or direct burial applications
- ▶ Outstanding protection against sunlight, water, acids, corrosive salts & sewage
- ▶ UV, bacteria, and fungus resistant
- ▶ Lead-free, UPC approved

Cat. No.	Color	Size	Package Type	Case Qty
60270	Black	2" X 100Ft X 10Mil	Cello	24
60272	Black	2" X 100Ft X 20Mil	Cello	24

Cable Cleaning Prep Kit

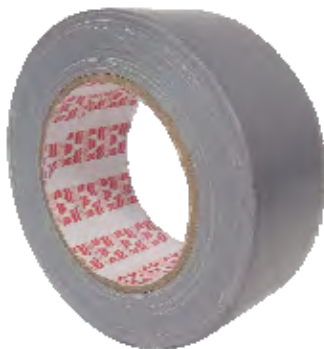


Comparable 3M CC-2

- ▶ Effective and environmentally friendly cleaning kit for the proper preparation of both high and low voltage cables prior to splicing or terminating
- ▶ Highly effective in removing grease, oil, tar, & other contaminants from cables
- ▶ Includes everything necessary to prepare cables for a splice or termination
- ▶ Each kit contains one set of sealed wipes and one 120-grit, non-conducting and abrasive cloth

Cat. No.	Description	Box Qty
60265	Cable Cleaning Prep Kit	1

Cloth Duct Tape



Comparable to 3M 1900 & 3939

- ▶ Polyethylene backing provides moisture resistance
- ▶ Strong hot melt rubber adhesive adheres aggressively to most surfaces for good holding power & a tight seal
- ▶ Perfect for areas with water & humidity
- ▶ Provides rust, chemical, & abrasion resistance
- ▶ Industry choice for most new, maintenance & repair HVAC applications
- ▶ Also use for masking, sealing, packaging, bundling & other general purpose applications
- ▶ Easy tear & high tensile strength

Cat. No.	Size	Packaging Type	Case Qty
Contractor Grade			
60190	1.88" X 50 Yards X 5.8Mil	Cello	24
Premium Utility Grade			
60195	1.88" X 50 Yards X 9.0Mil	Cello	24
60196	1.88" X 109 Yards X 9.0Mil	Cello	16
60197	2.83" X 50 Yards X 9.0Mil	Cello	12

Double-Sided Adhesive Foam Tape

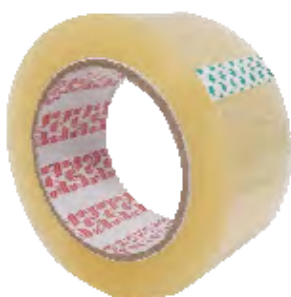


Adhesive on both sides

- ▶ Use to affix raceway, duct, track lighting, signs, etc.
- ▶ EVA Foam offers excellent shear strength, softness, flexibility, low temperature toughness, stress-crack resistance, waterproof properties, UV resistance & conformity to irregular surfaces
- ▶ Superior Holding Power - Acrylic adhesive allows high initial adhesion and high instant tack for effective long term bonding to glass, metal, plastic, wood & various other surfaces

Cat. No.	Width	Length	Bag Qty
22512	.32"	165Ft	1
22514	.51"	165Ft	1
22516	.71"	165Ft	1
22518	.91"	165Ft	1
22520	1.10"	165Ft	1

Clear Packaging Tape



Comparable to 3M Tartan

- ▶ Quick-stick self-adhesive backing
- ▶ Resists abrasions, water solvents and oils
- ▶ Use in dispensers to easily seal cartons
- ▶ 2Mil Acrylic Adhesive
- ▶ 46 lbs per inch tensile strength

Cat. No.	Color	Size	Packaging Type	Case Qty
60291	Clear	1.88" X 109 Yards	Cello	36

Strapping Tape



Comparable to 3M 897

- ▶ Superior strength for carton sealing, bundling of packages together & reinforcing applications
- ▶ Glass-filament reinforced tape to give superior strength
- ▶ 150 lbs per inch tensile strength

Cat. No.	Size	Packaging Type	Case Qty
60295	3/4" X 60 Yards	Cello	48

Barricade Tape



- ▶ CAUTION CAUTION CAUTION Legend
- ▶ Made of long lasting, non-adhesive, reusable 3 mil Polyethylene
- ▶ Exceptional quality, durability and performance
- ▶ Used above ground to mark off hazards
- ▶ Continuous repeat of warning
- ▶ Meets OSHA 1910.144 for physical hazards

Cat. No.	Legend	Size	Color	Box Qty
69002	Caution Caution Caution	3" X 200'	Yellow	8
69000	Caution Caution Caution	3" X 1000'	Yellow	8

Underground Tape



- ▶ 4 Mil Non Adhesive Polyethylene
- ▶ Continuous repeat of warning
- ▶ Identifies buried utility lines
- ▶ Should be installed 12" to 18" below ground level and 12" above pipes and conduits before backfilling
- ▶ Formulated to resist degradation from acid and alkali found in soils

Cat. No.	Legend	Size	Color	Box Qty
69008	Caution Buried Electric Line Below	3" X 300'	Red	8
69010	Caution Buried Electric Line Below	3" X 1000'	Red	8
69011	Caution Electric Line Buried Below	3" X 1000'	Yellow	8
69012	Caution Buried Telephone Line Below	3" X 1000'	Orange	8
69016	Caution Buried Fiber Optic Line Below	3" X 1000'	Orange	8
69020	Caution Buried Electric Line Below	6" X 1000'	Red	4
69021	Caution Electric Line Buried Below	6" X 1000'	Yellow	4

Detectable Tape



- ▶ CAUTION BURIED ELECTRIC LINE BELOW Legend
- ▶ 5 Mil Silver foil
- ▶ Continuous repeat of warning
- ▶ Easily located with any common metal detector
- ▶ For use before you dig
- ▶ Its highly visible colors make it easy to locate after dig has begun
- ▶ Formulated to resist degradation from acid and alkali found in soils
- ▶ 3" Wide detectable from 12" To 24" Depth
- ▶ 6" Wide detectable from 22" To 30" Depth

Cat. No.	Legend	Size	Color	Box Qty
69030	Caution Buried Electric Line Below	3" X 1000'	Red	4
69040	Caution Buried Electric Line Below	6" X 1000'	Red	2

SECTION

G



Wire Connectors

Wire Connectors



G1-G2

Winged Connectors



G3-G4

Easy Cap Connectors



G5

Hi-Temp & Ceramic



G5-G6

Push-In Connectors



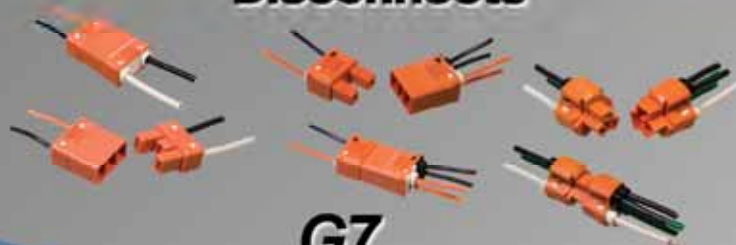
G6

Quick Splice Connectors



G7

Luminaire Quick Disconnects



G7

Crimp Sleeves



G8

Terminal Blocks



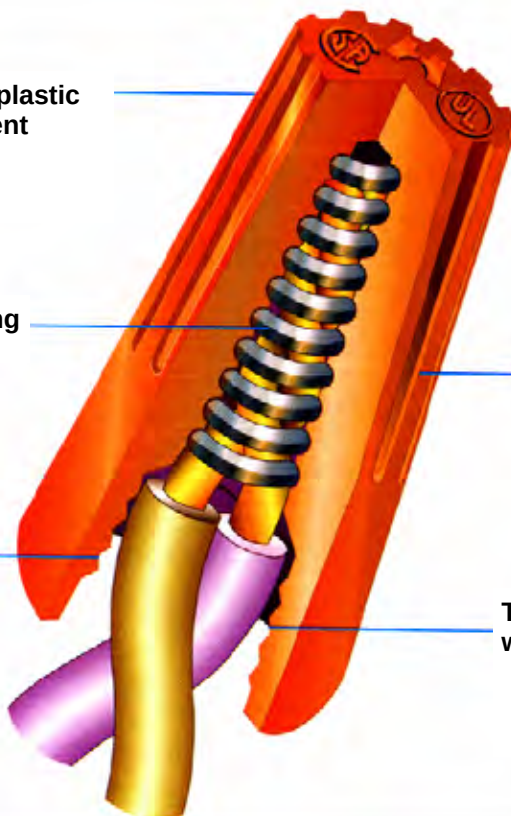
G9-G10



Flame Retardant Thermoplastic Housing provides excellent electrical insulation

Fixed, Precise Wire Spring

Deep Skirt Entry provides protection from flashover and shorts



Sure-Grip Ribs improves gripping ability and comfort

Threaded, Funnel Entry guides wire into the connector easily

- ▶ Five Color-Coded Models cover a full range of wire sizes from 22 through 8 Awg
- ▶ Ribbed-Cap provides a more secure grip and faster fingertip starts even when hands become slippery
- ▶ Temperature rated at 221°F (105°C) maximum
- ▶ No Pre-Twisting of conductors is required – spring creates its own thread
- ▶ Reusable Connector threads on or off splice for fast and easy circuit changes and additions
- ▶ Tough UL 94V-2 Flame Retardant Shell will not crack or break, even when applied to maximum wire combinations under extreme pressure

Combo Handy Pack Wire & Winged Connectors

4 Different sizes of connectors in a Handy Pack



Contains the following :

Cat No.	Handy Packs Per Case
23516	16

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
60 Connectors	23074	Yellow Wire Connector
60 Connectors	23054	Yellow Easy Cap Wire Connector
40 Connectors	23056	Red Easy Cap Wire Connector

Contains the following :

Cat No.	Handy Packs Per Case
23512	16

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
60 Connectors	23074	Yellow Wire Connector
40 Connectors	23076	Red Wire Connector
40 Connectors	23085	Tan Twisted Wing Connector

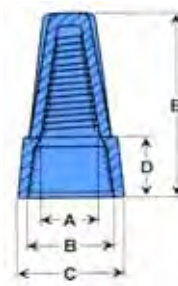
Contains the following :

Cat No.	Handy Packs Per Case
23514	16

Qty	Product Number	Description
90 Connectors	23073	Orange Wire Connector
50 Connectors	23084	Yellow Twisted Wing Connector
40 Connectors	23085	Tan Twisted Wing Connector
30 Connectors	23086	Red Twisted Wing Connector



Screw-On Wire Connectors



Dimensions = Inches

Cat. No.	Type	Color	Wire Combinations	Max Volts	A	B	C	D	E	Box/Bag Qty	Case Qty
----------	------	-------	-------------------	-----------	---	---	---	---	---	-------------	----------

Hanging Bag 25 Pack

23271	P1	Gray	Max: 1 #14 w/1 #20 Min: 2 #22	300V	.150	.264	.339	.228	.598	25	1250
23272	P2	Blue	Max: 3 #16 Min: 2 #22	300V	.161	.276	.386	.232	.693	25	1250
23273	P3	Orange	Max: 4 #16 w/1 #20 Min: 1 #18 w/1#20	600V	.197	.390	.480	.307	.862	25	1250
23274	P4	Yellow	Max:1 #10 w/2 #14 & 1 #16 Min: 3 #20	600V	.236	.441	.551	.311	.937	25	1250
23276	P6	Red	Max: 3 #10 Min: 3 #18	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	25	1250

Boxed 100 Pack

23071	P1	Gray	Max: 1 #14 w/1 #20 Min: 2 #22	300V	.150	.264	.339	.228	.598	100	15,000
23072	P2	Blue	Max: 3 #16 Min: 2 #22	300V	.161	.276	.386	.232	.693	100	15,000
23073	P3	Orange	Max: 4 #16 w/1 #20 Min: 1 #18 w/1#20	600V	.197	.390	.480	.307	.862	100	10,000
23074	P4	Yellow	Max:1 #10 w/2 #14 & 1 #16 Min: 3 #20	600V	.236	.441	.551	.311	.937	100	6,000
23076	P6	Red	Max: 3 #10 Min: 3 #18	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	100	3600

Bagged Bulk Pack

23171	P1	Gray	Max: 1 #14 w/1 #20 Min: 2 #22	300V	.150	.264	.339	.228	.598	1000	20,000
23172	P2	Blue	Max: 3 #16 Min: 2 #22	300V	.161	.276	.386	.232	.693	1000	10,000
23173	P3	Orange	Max: 4 #16 w/1 #20 Min: 1 #18 w/1#20	600V	.197	.390	.480	.307	.862	500	10,000
23174	P4	Yellow	Max:1 #10 w/2 #14 & 1 #16 Min: 3 #20	600V	.236	.441	.551	.311	.937	500	5,000
23176	P6	Red	Max: 3 #10 Min: 3 #18	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	500	5,000

Small Jar

23373	P3	Orange	Max: 4 #16 w/1 #20 Min: 1 #18 w/1#20	600V	.197	.390	.480	.307	.862	350	11,200
23374	P4	Yellow	Max:1 #10 w/2 #14 & 1 #16 Min: 3 #20	600V	.236	.441	.551	.311	.937	250	8,000
23376	P6	Red	Max: 3 #10 Min: 3 #18	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	150	4,800

Large Jar

23473	P3	Orange	Max: 4 #16 w/1 #20 Min: 1 #18 w/1#20	600V	.197	.390	.480	.307	.862	900	10,800
23474	P4	Yellow	Max:1 #10 w/2 #14 & 1 #16 Min: 3 #20	600V	.236	.441	.551	.311	.937	600	7,200
23476	P6	Red	Max: 3 #10 Min: 3 #18	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	400	4800

Handy Pack

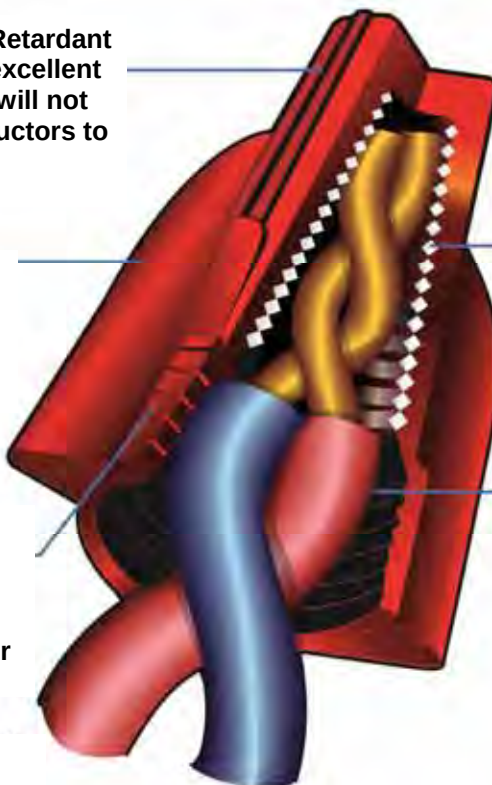
23573	P3	Orange	Max: 4 #16 w/1 #20 Min: 1 #18 w/1#20	600V	.197	.390	.480	.307	.862	350	5,600
23574	P4	Yellow	Max:1 #10 w/2 #14 & 1 #16 Min: 3 #20	600V	.236	.441	.551	.311	.937	250	4,000
23576	P6	Red	Max: 3 #10 Min: 3 #18	600V 1000V fixtures & signs	.276	.504	.630	.350	1.047	180	2,880

Heavy Duty Thick Wall Flame Retardant Thermoplastic shell provides excellent electrical insulation. Housing will not Stress/Fracture or Allow Conductors to Penetrate Housing Wall

Swept-Back wing design fits naturally into your fingers and provides finger-tip comfort Allowing for Increased Torque

No Pre-Twisting Necessary

Connector will Bite & Hold on Single Conductor to facilitate Isolation/Capping of Conductor

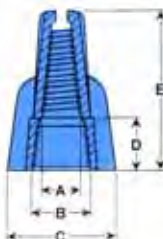


Live Action Square Wire Spring Draws Wires Deep into Spring, Providing a more Secure Grip on Conductors & Finishing Termination in 1/2 the Time/Labor of Competitors' Products

Deep Skirt Entry Provides Protection from Flashover and Shorts

- ▶ Color Coded for easy Wire Range Identification
- ▶ Swept wing fits into your hand naturally to give extra torque/leverage and reduce the effort required for splicing, working especially well for large wire combinations
- ▶ Compact, narrow profile takes up less space in junction boxes
- ▶ Ribbed-Cap provides more secure grip and faster fingertip starts even when hands become slippery
- ▶ Temperature rated at 221°F (105°C) maximum
- ▶ No Pre-Twisting of Conductors is required - spring creates its own thread
- ▶ Reusable connector threads on or off splice for fast and easy circuit changes and additions
- ▶ Tough, UL 94V-2 Flame Retardant Shell will not crack or break, even when applied to maximum wire combinations under extreme pressure
- ▶ Rated 600 Volt, 1000 Volt Max. in lighting fixtures & signs

Grounding Connectors

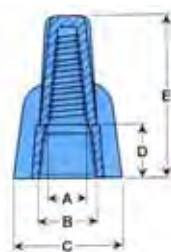


- ▶ Specifically designed for making Positive Ground Connections and Bonding Non-Metallic Sheathed Cable
- ▶ Color Coded Green for Identification as Grounding Connector
- ▶ Live Action Square Spring Draws Wires Deep into Spring for safe tight grip and a reliable connection
- ▶ Built-in Swept-Back Wing Design enables users to tighten connectors easily without tools

Dimensions = Inches

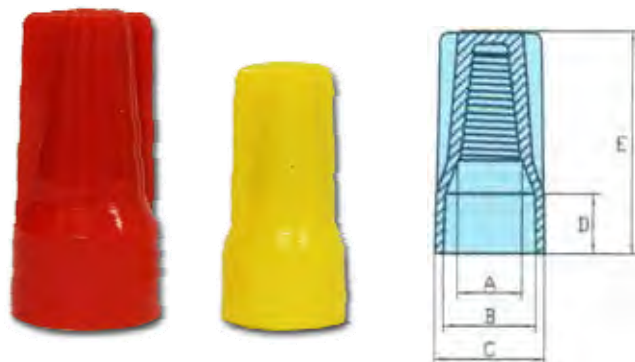
Cat. No.	Color	Wire Combinations	A	B	C	D	E	Qty	Case Qty
Hanging Bag 25 Pack									
23292	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	25	5,000
Boxed 100 Pack									
23092	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	100	10,000
Bagged 500 Bulk Pack									
23192	Green	No.14 Thru 10 Awg	.327	.476	.795	.370	1.134	500	5,000

Winged Twist Connectors



Dimensions = Inches

Cat. No.	Color	Wire Combinations	A	B	C	D	E	Box/Bag Qty	Case Qty
Hanging Bag Small Pack									
23284	Yellow	Max: 3 #12 Min: 2 #18	.252	.386	.717	.354	1.016	25	1,250
23285	Tan	Max: 3 #10 Min: 3 #22	.283	.457	.720	.362	1.142	25	1,250
23286	Red	Max: 5 #12 Min: 3 #16	.354	.531	.906	.378	1.252	25	1,250
23288	Gray	Max: 3 #10 Min: 3 #14 w/1 #18	.394	.587	1.000	.394	1.311	6	1,250
23290	Blue	Max: 1 #8 w/3 #10 Min: 2 #10 w/1 #12	.472	.740	1.260	.516	1.575	6	1,250
Boxed									
23084	Yellow	Max: 3 #12 Min: 2 #18	.252	.386	.717	.354	1.016	100	10,000
23085	Tan	Max: 3 #10 Min: 3 #22	.283	.457	.720	.362	1.142	100	10,000
23086	Red	Max: 5 #12 Min: 3 #16	.354	.531	.906	.378	1.252	100	8,000
23088	Gray	Max: 3 #10 Min: 3 #14 w/1 #18	.394	.587	1.000	.394	1.311	50	5,000
23090	Blue	Max: 1 #8 w/3 #10 Min: 2 #10 w/1 #12	.472	.740	1.260	.516	1.575	50	4,000
Bagged Bulk Pack									
23184	Yellow	Max: 3 #12 Min: 2 #18	.252	.386	.717	.354	1.016	500	5,000
23185	Tan	Max: 3 #10 Min: 3 #22	.283	.457	.720	.362	1.142	500	5,000
23186	Red	Max: 5 #12 Min: 3 #16	.354	.531	.906	.378	1.252	500	5,000
23188	Gray	Max: 3 #10 Min: 3 #14 w/1 #18	.394	.587	1.000	.394	1.311	100	2,500
23190	Blue	Max: 1 #8 w/3 #10 Min: 2 #10 w/1 #12	.472	.740	1.260	.516	1.575	100	1,500
Small Jar									
23384	Yellow	Max: 3 #12 Min: 2 #18	.252	.386	.717	.354	1.016	200	6,400
23385	Tan	Max: 3 #10 Min: 3 #22	.283	.457	.720	.362	1.142	150	4,800
23386	Red	Max: 5 #12 Min: 3 #16	.354	.531	.906	.378	1.252	100	3,200
Large Jar									
23484	Yellow	Max: 3 #12 Min: 2 #18	.252	.386	.717	.354	1.016	550	6,600
23485	Tan	Max: 3 #10 Min: 3 #22	.283	.457	.720	.362	1.142	450	5,400
23486	Red	Max: 5 #12 Min: 3 #16	.354	.531	.906	.378	1.252	300	3,600
Handy Pack									
23584	Yellow	Max: 3 #12 Min: 2 #18	.252	.386	.717	.354	1.016	250	4,000
23585	Tan	Max: 3 #10 Min: 3 #22	.283	.457	.720	.362	1.142	200	3,200
23586	Red	Max: 5 #12 Min: 3 #16	.354	.531	.906	.378	1.252	130	2,080

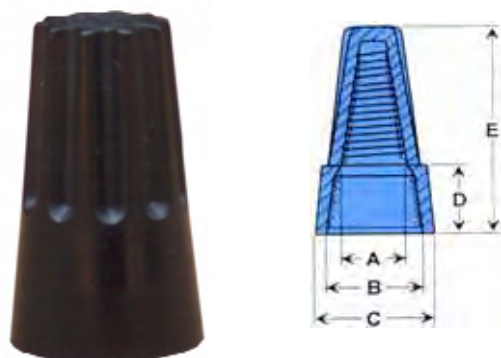


- ▶ Plastic cap molded by strong, durable UL94V-2 flame retardant thermoplastic
- ▶ Swept-back easy wings designed to provide firm & comfortable twisting
- ▶ Inserted with fixed square-wire spring, grabs wires quickly & firmly
- ▶ Color coded to industry standard
- ▶ Compact design perfect for tight spaces
- ▶ Rated 600 Volt, 1000 Volt Max. in lighting fixtures & signs

Dimensions = Inches

Cat. No.	Color	Wire Combinations	A	B	C	D	E	Box Qty	Case Qty
Hanging Bag 25 Pack									
23254	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	25	1,250
23256	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	25	1,250
Boxed 100 Pack									
23054	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	100	6,000
23056	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	100	4,800
Bulk 500 Pack									
23154	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	500	5,000
23156	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	500	5,000
Small Jar									
23354	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	250	8,000
23356	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	100	3,200
Large Jar									
23454	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	600	7,200
23456	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	400	4,800
Handy Pack									
23554	Yellow	No.10 Thru 22 Awg	.287	.429	.492	.417	.992	250	4,000
23556	Red	No.6 Thru 22 Awg	.358	.520	.583	.453	1.161	170	2,720

High Temperature Wire Connectors



- ▶ Black thermoplastic shell specially designed to withstand the extreme heat build-up commonly found in high-wattage light fixture and signs
- ▶ 302°F (150°C)

Dimensions = Inches

Cat. No.	Type	Wire Combinations	Max Volts	A	B	C	D	E	Bag Qty	Case Qty
23161	P1	No.22 Thru 16 Awg	300V	.150	.264	.339	.228	.598	1000	20,000
23163	P3	No.22 Thru 14 Awg	600V 1000V fixtures & Signs	.197	.390	.480	.307	.866	500	5,000

Push-In Wire Connectors



- OEM Lighting Manufacturing
- Junction Boxes
- Control Panels
- Security/Alarm Systems
- Prefabricated Wiring Systems
- Lighting Retrofits

No Twisting! Just Push-in! Quick & Safe! Reduce Installation Costs!

Easy Installation:



1. TURN OFF POWER.
Strip wire approximately 0.45 inches. The strip length is marked on the connector.



2. Push the stripped stranded or solid conductor into the port of connector completely. No more twisting or taping.



3. Use a voltage tester to test your connection via the port on the connector

- **Accepts Stranded or Solid Conductors**
- Easy to Install - instead of twisting or taping, simply push wires into connector ports -saves you time and money
- Low wire insertion force allows fast, easy connections
- No-twist connection reduces repetitive motion fatigue
- See-thru for visual connection inspection
- Test port for continuity testing
- Electrolytic Tin-Plated Copper internal bus for high conductivity
- Housing Material: Thermoplastic, UL 94V-2 flame retardant
- Current: 24A (VDE)
- Voltage: UL-600V, VDE-450V
- Working Temperature: 230°F (110°C)
- Wire Range: 12-22 AWG
- Color Coded according to number of poles
- UL listed for Copper Conductors only

Dimensions = Inches

Cat. No.	Poles	Color	L	W	H	Qty	Case Qty
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Hanging Bag 25 Pack

23222	2	Red	.768	.413	.374	25	1,250
23223	3	Orange	.776	.531	.374	25	1,250
23224	4	Yellow	.776	.677	.374	25	1,250
23225	5	Gray	.776	.831	.374	25	1,250
23228	8	Black	.748	.689	.661	25	1,250

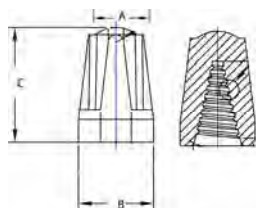
Boxed

23012	2	Red	.768	.413	.374	100	10,000
23013	3	Orange	.776	.531	.374	100	6,000
23014	4	Yellow	.776	.677	.374	100	6,000
23015	5	Gray	.776	.831	.374	100	6,000
23018	8	Black	.748	.689	.661	50	3,000

Bagged 100 Pack

23025	5	Gray	.776	.831	.374	100	5,000
23028	8	Black	.748	.689	.661	50	2,500

Ceramic Wire Connectors

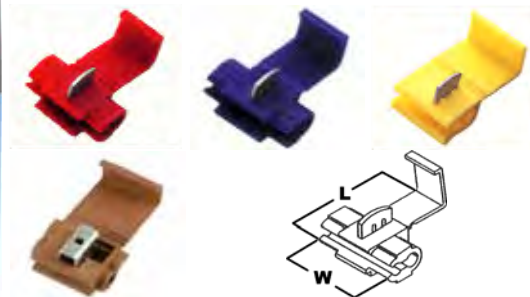


- For Use in Appliances, High Power Lighting, Heaters, and High Temperature Applications
- Excellent Heat and Electrical Resistant Properties
- Working Temperature up to 1000°F Maximum
- Best for Applications above 200°F
- White

Dimensions = Inches

Cat. No.	Material	Conductor Range	Dimensions			Bag Qty	Master Box
			A	B	C		
23030	Ceramic	#22 - #14	.215	.375	.665	100	1500
23031	Ceramic	#22 - #10	.315	.567	.784	100	2500
23032	Ceramic	#18 - #8	.410	.715	1.025	100	7500

Quick Splice Connectors



- Pre-insulated Insulation Displacement Connector
- Used for quick connections with no wire stripping
- Simply insert both wires, squeeze down the Metal Insulation Displacement Tab with pliers and snap the cover into place
- Housing Material: Polypropylene
- Contact Material: Electro-Tin Plated Brass
- Temperature Rating: 221°F (105°C)

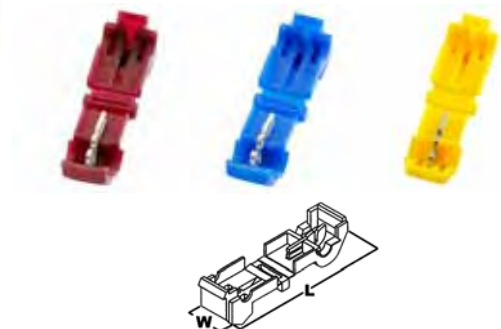


Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

Dimensions = Inches

Cat. No.	Color	Wire Range	Width	Length	Bag Qty	Master Bag Qty
10772	Red	22-18	.79	1.06	25	100
10774	Blue	18-14	.79	1.06	25	100
10776	Yellow	12-10	.81	1.35	25	100
10777	Brown	12-10 Line 18-14 Tap	.81	1.36	25	100

T-Tap Disconnects



- Pre-insulated Insulation Displacement Connector
- Used for quick connections with no wire stripping
- Simply insert both wires, squeeze down the Metal Insulation Displacement Tab with pliers and snap the cover into place
- Housing Material: Nylon
- Contact Material: Electro-Tin Plated Brass
- Temperature Rating: 221°F (105°C)



Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

Dimensions = Inches

Cat. No.	Color	Wire Range	Width	Length	Bag Qty	Master Bag Qty
10780	Red	22-18	.39	1.46	25	100
10781	Blue	18-14	.39	1.46	25	100
10782	Yellow	12	.39	1.46	25	100

Luminaire Ballast Disconnects - 2 & 3 Pole

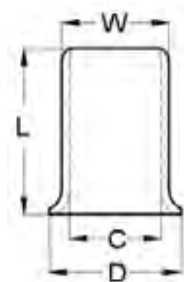


- 2 & 3 Pole Touch Proof Luminaire Disconnects
- Meets NEC 2008 410.130G & CEC Section 221.-06-Paragraph 30-308(4) Ballast Disconnect Safety Requirements for Non-Residential Fluorescent Fixtures. UL 2459 Compliant
- Patented Push-In Wire Insertion Technology Accommodates both Solid & Stranded Conductors
- Low Insertion Force Eliminates the Need for Installation Tools
- Male/Female Pluggable Touch-Proof Design Provides for Safe Ballast Disconnect Under Load
- Heavy Duty Nylon Housing 105°C Temperature Rating UL 94V-0
- 3A@120V 1.3A@277V .75A@480V

Dimensions = Inches

Cat. No.	Ports Line	Ports Load	Wire Awg Line	Wire Awg Load	Volts	L	H	W	Bag Qty	Case Qty
2 Pole Line - 2 Pole Load										
23002	2	2	12-14	18	120/277	1.32	.86	.45	25	500
2 Pole Line - 4 Pole Load										
23004	2	4	12-18	12-18	120/277	1.46	.75	.50	25	500
3 Pole Line - 6 Pole Load										
23006	3	6	12-18	12-18	120/277	1.60	.85	.85	25	700

Crimp Sleeves - Copper & Steel



- ▶ Copper & Steel Crimp Sleeves for a Variety of Branch/Tap & Fixture Applications
- ▶ Fast, Permanent Crimp Splice
- ▶ Electrolytic Copper Or Zinc-Plated Steel
- ▶ UL 486C CSA C22.2 #188

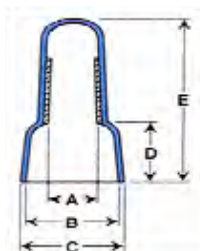
Dimensions = Inches

Cat. No.	Material	Conductor Range	Sleeve Length (L)	Inside Diameter (C)	Outside Diameter (W)	Sleeve Width (D)	Bag Qty	Master Bag Qty
22080	Copper	#18 - #10	.374	.205	.241	.295	100	1,000
22081	Copper	#14 - #8	.610	.264	.309	.364	100	1,000
22082	Steel	#18 - #10	.374	.205	.241	.295	100	1,000
22083	Steel	#14 - #8	.610	.264	.309	.364	100	1,000

Pre-Insulated Crimp Connectors



G8



- ▶ Nylon Insulated Copper Crimp Sleeve
- ▶ Use in light fixtures, appliances and other electrical & OEM applications
- ▶ Holds wires firmly even amidst vibration
- ▶ Compact design fits easily into tight locations
- ▶ Flared Skirt Beveled Opening eases wire entry & protects against splayed strand
- ▶ Rugged, yet resilient insulator
- ▶ 221°F (105°C) Rated
- ▶ UL 94V-2
- ▶ 300 Volt

Dimensions = Inches

Cat. No.	Wire Range	Max Wire Combination	Min Wire Combination	A	B	C	D	E	Bag Qty	Master Bag Qty
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Hanging Bag 25 Pack

22100	No.22 - 18 Awg	2 #20 w 1 #18	2 #22	.102	.244	.307	.244	.709	25	100
22102	No.22 - 14 Awg	1 #18 w 1 #14	2 #22	.118	.311	.374	.283	.776	25	100
22104	No.22 - 10 Awg	3 #14	2 #22 2 #18	.157	.413	.492	.378	1.004	25	100
22106	No.16 - 10 Awg	2 #16 w 1 #10	2 #16 w 1 #12	.209	.488	.575	.472	1.091	25	100

Bagged Bulk Pack

22000	No.22 - 18 Awg	2 #20 w 1 #18	2 #22	.102	.244	.307	.244	.709	100	1,000
22002	No.22 - 14 Awg	1 #18 w 1 #14	2 #22	.118	.311	.374	.283	.776	100	1,000
22004	No.22 - 10 Awg	3 #14	2 #22 2 #18	.157	.413	.492	.378	1.004	100	1,000
22006	No.16 - 10 Awg	2 #16 w 1 #10	2 #16 w 1 #12	.209	.488	.575	.472	1.091	500	—

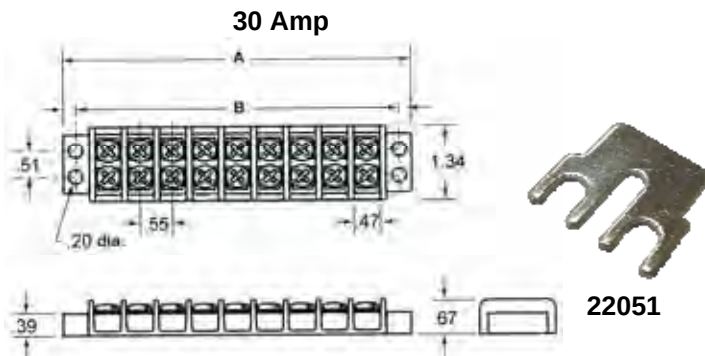
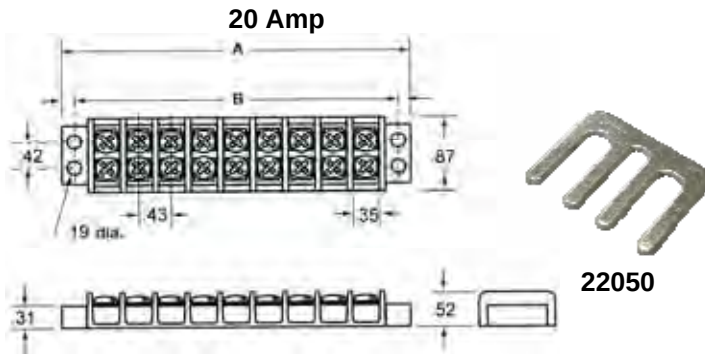
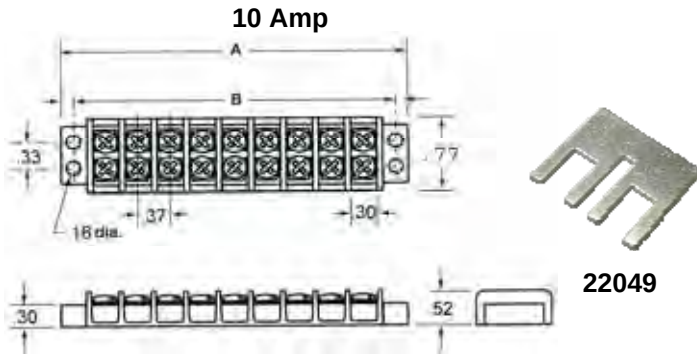
High Temperature 302°F (150°C)

22007	No.22 - 14 Awg	1 #18 w 1 #14	2 #22	.118	.311	.374	.283	.776	25	100
22008	No.22 - 10 Awg	3 #14	2 #22 #18	.157	.413	.492	.378	1.004	25	100

Terminal Strips



- ▶ Terminal Strips are a popular alternative to splicing
- ▶ High density circuitry can be attained to conserve space
- ▶ Rated: UL 300VAC CSA 600VAC
- ▶ .562" Center Spacing
- ▶ Insulation Withstands Voltage: AC 2000V/min
- ▶ Insulation Resistance: 1000M at DC500V
- ▶ Temperature Range: -40°F to 248°F (-40°C to 120°C)
- ▶ Screw Torque Value: 18 Kg-cm
- ▶ Wire Range Awg: 12-22 Str
- ▶ Insulator Body: Plastic Nylon 66 (UL 94V-0)
- ▶ Brass Tin Plated Terminals 0.8t
- ▶ Terminal Screws: M4 Nickel plated Brass



Terminal Strips - 10A

Cat No.	Poles	A	B	Bag Qty
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Bag - 10 Pack

22033	2	1.41"	1.12"	10
22034	4	2.16"	1.87"	10
22035	6	2.91"	2.54"	10
22036	8	3.36"	3.37"	10
22037	10	4.41"	4.15"	10
22038	12	5.16"	4.86"	10

Jumper Bar

22049	Jumper	10
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Terminal Strips - 20A

Cat No.	Poles	A	B	Bag Qty
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Bag - 10 Pack

22042	2	1.64"	1.29"	10
22043	4	2.50"	2.15"	10
22044	6	3.36"	3.00"	10
22045	8	4.22"	3.86"	10
22046	10	5.07"	4.72"	10
22047	12	5.93"	5.58"	10

Jumper Bar

22050	Jumper	10
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Terminal Strips - 30A

Cat No.	Poles	A	B	Bag Qty
---------	-------	---	---	---------

Header Card - 2 Pack

22122	2	2.05"	1.65"	2
22123	3	2.60"	2.20"	2
22124	4	3.15"	2.76"	2
22126	6	4.25"	3.86"	2
22128	8	5.35"	4.96"	2
22130	10	6.46"	6.06"	2
22132	12	7.56"	7.17"	2

Bag - 10 Pack

22022	2	2.05"	1.65"	10
22023	3	2.60"	2.20"	10
22024	4	3.15"	2.76"	10
22026	6	4.25"	3.86"	10
22028	8	5.35"	4.96"	10
22030	10	6.46"	6.06"	10
22032	12	7.56"	7.17"	10

Jumper Bar

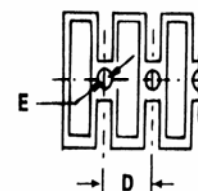
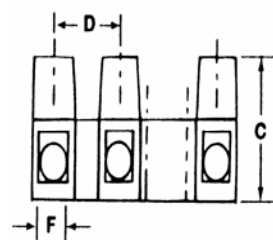
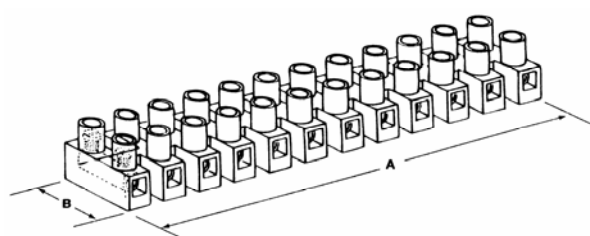
22051	Jumper Bar	10
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Terminal Blocks



Terminal Blocks Wire Connectors

G10



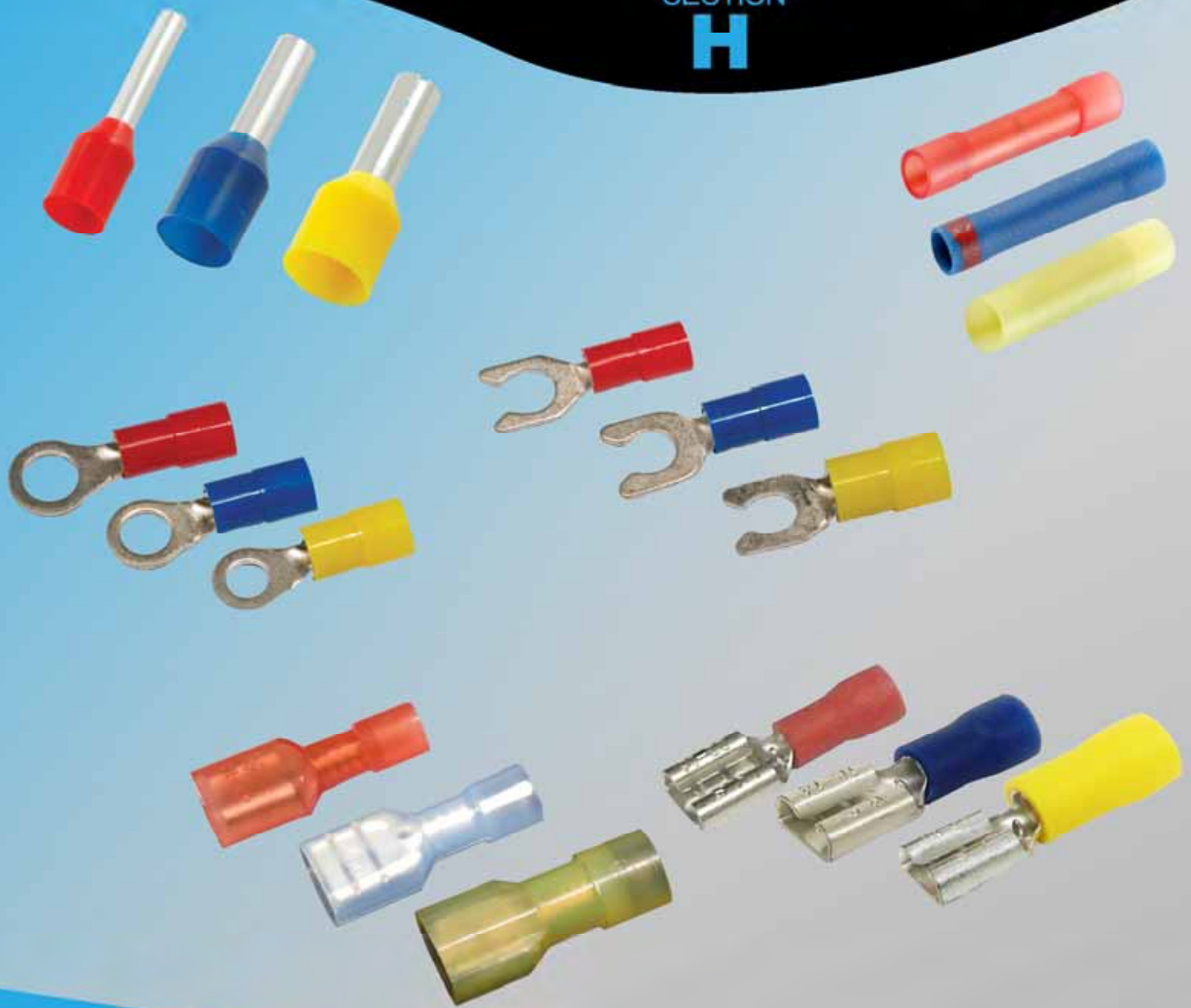
- ▶ Touch Proof Recessed Screws and Tubular Contacts provide added safety and helps prevent short circuits
- ▶ Tubular Contacts connect stripped, un-terminated solid or stranded wire directly to each contact
- ▶ Integrated Stainless Steel Spring Wire Protectors prevent twisting and breakage of stranded wire during termination
- ▶ Modular 12-Circuit Design can be cut into smaller sections, or stacked end-to-end
- ▶ Dead Front Design to prevent shorts
- ▶ Rugged Nylon 66 Housing, UL 94V2
- ▶ Operating temperature rated at 230°F(110°C)
- ▶ Brass Metal Alloy, Nickel Plated Terminal Insert
- ▶ Zinc Plated, yellow chromated screws
- ▶ Can be used for AC & DC Applications
- ▶ 300V
- ▶ 221°F(105°C)

Dimensions = Inches

Cat No.	Amp	Volts	Wire Range	A	B	C	D	E	F	Strip Length	Bag Qty
Header Card - 2 Pack											
22152	20	300	22-12	3.79	.669	.570	.315	.114	.110	.20	2
22154	30	300	22-10 Sol 22-12 Str	4.62	.795	.670	.394	.142	.134	.25	2
22156	35	300	22-10	5.54	.937	.748	.472	.154	.154	.27	2
22158	50	300	20-8	6.22	1.008	.992	.531	.173	.189	.35	2
Bag - 50 Pack											
22052	20	300	22-12	3.79	.669	.570	.315	.114	.110	.20	50
22054	30	300	22-10 Sol 22-12 Str	4.62	.795	.670	.394	.142	.134	.25	50
22056	30	300	22-10	5.54	.937	.748	.472	.154	.154	.27	40
22058	50	300	20-8	6.22	1.008	.992	.531	.173	.189	.35	25

SECTION

H



Terminals

Convenience Packs



H1-H2

Terminal Kits



H3-H4

Multiway Adapters



H4

Ring Terminals



H5-H10

Fork/Spade Terminals



H11-H15

Pin & Blade



H15-H16

Disconnects



H16-H23

Butt & Parallel



H24-H26

Heat Shrink



H27-H30

High Temperature



H31

Ferrules

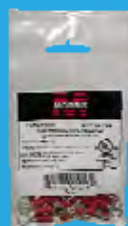


H32-H34

Alligator Clips



H34

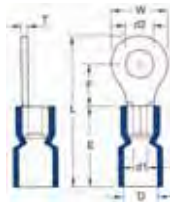


Convenience Packs
25 Pcs



Standard Packs
100 Pcs

Ring Terminals – 25 Pack (100 Pack located on Page H7)

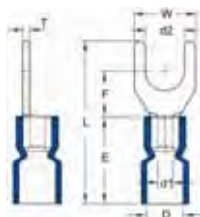


- ▶ Vinyl Insulated
- ▶ Electro Tin Plated Copper
- ▶ Expanded Insulation
- ▶ Serrated Barrel
- ▶ 167°F(75°C) 600 Volts Max

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
01012	Red	22-16	#6	.146	.260	.248	.811	.441	.157	.067	.031	25	100
01014	Red	22-16	#8	.169	.315	.276	.866	.441	.157	.067	.031	25	100
01016	Red	22-16	#10	.209	.315	.276	.866	.441	.157	.067	.031	25	100
01018	Red	22-16	1/4	.252	.457	.433	1.102	.441	.157	.067	.031	25	100
01032	Blue	16-14	#6	.146	.260	.248	.823	.453	.177	.091	.031	25	100
01034	Blue	16-14	#8	.169	.335	.307	.917	.453	.177	.091	.031	25	100
01036	Blue	16-14	#10	.209	.335	.307	.917	.453	.177	.091	.031	25	100
01038	Blue	16-14	1/4	.252	.472	.433	1.114	.453	.177	.091	.031	25	100
01040	Blue	16-14	5/16	.331	.472	.433	1.114	.453	.177	.091	.031	25	100
01042	Blue	16-14	3/8	.413	.535	.547	1.260	.453	.177	.091	.031	25	100
01062	Yellow	12-10	#8	.169	.283	.240	.937	.555	.248	.134	.039	25	100
01064	Yellow	12-10	#10	.209	.374	.327	1.067	.555	.248	.134	.039	25	100
01066	Yellow	12-10	1/4	.252	.472	.413	1.205	.555	.248	.134	.039	25	100
01068	Yellow	12-10	5/16	.331	.591	.524	1.382	.555	.248	.134	.039	25	100
01070	Yellow	12-10	3/8	.413	.591	.524	1.382	.555	.248	.134	.039	25	100

Fork/Spade Terminals – 25 Pack (100 Pack located on Page H11)



- ▶ Vinyl Insulated
- ▶ Electro Tin Plated Copper
- ▶ Expanded Insulation
- ▶ Serrated Barrel
- ▶ 167°F(75°C) 600 Volts Max

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
01112	Red	22-16	#6	.146	.252	.256	.874	.441	.157	.067	.030	25	100
01114	Red	22-16	#8	.169	.252	.256	.874	.441	.157	.067	.030	25	100
01116	Red	22-16	#10	.209	.319	.256	.874	.441	.157	.067	.030	25	100
01118	Red	22-16	1/4	.252	.472	.433	1.11	.441	.157	.067	.030	25	100
01132	Blue	16-14	#6	.146	.283	.256	.886	.453	.177	.091	.031	25	100
01134	Blue	16-14	#8	.169	.311	.256	.886	.453	.177	.091	.031	25	100
01136	Blue	16-14	#10	.209	.366	.256	.886	.453	.177	.091	.031	25	100
01138	Blue	16-14	1/4	.252	.472	.433	1.110	.453	.177	.091	.031	25	100
01162	Yellow	12-10	#8	.169	.354	.276	1.047	.555	.248	.134	.039	25	100
01164	Yellow	12-10	#10	.209	.354	.276	1.1047	.555	.248	.134	.039	25	100
01166	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	25	100
01168	Yellow	12-10	5/16	.331	.551	.413	1.244	.555	.248	.134	.039	25	100

Butt Splices - 25 Pack (100 Pack located on Page H24)



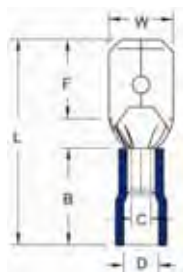
- ▶ Vinyl Insulated
- ▶ Electro Tin Plated Copper
- ▶ Expanded Insulation
- ▶ 167°F (75°C) 600 Volts Max

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	L	D	d1	Bag Qty	Master Bag Qty
01182	Red	22-16	.969	.157	.067	25	100
01184	Blue	16-14	.969	.177	.091	25	100
01186	Yellow	12-10	1.043	.248	.134	25	100

Male Disconnects – 25 Pack

(100 Pack located on Page H17)



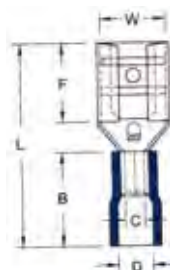
- ▶ Vinyl Insulated
- ▶ Electro Tin Plated Brass
- ▶ Expanded Insulation
- ▶ Serrated Barrel
- ▶ 167°F(75°C) 300 Volts Max

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
01212	Red	22-16	.020 X .187	.189	.256	.748	.394	.067	.157	.020	25	100
01214	Red	22-16	.032 X .250	.250	.303	.827	.394	.067	.157	.016	25	100
01222	Blue	16-14	.020 X .187	.189	.256	.748	.394	.091	.177	.020	25	100
01224	Blue	16-14	.032 X .250	.250	.303	.827	.394	.091	.177	.016	25	100
01232	Yellow	12-10	.032 X .250	.250	.303	.945	.512	.134	.217	.016	25	100

Female Disconnects – 25 Pack

(100 Pack located on Page H17)



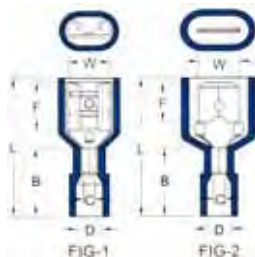
- ▶ Vinyl Insulated
- ▶ Electro Tin Plated Brass
- ▶ Expanded Insulation
- ▶ Serrated Barrel
- ▶ 167°F(75°C) 300 Volts Max

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
01312	Red	22-16	.020 X .187	.197	.252	.748	.394	.067	.157	.014	25	100
01314	Red	22-16	.032 X .250	.260	.295	.807	.394	.067	.157	.014	25	100
01322	Blue	16-14	.020 X .187	.197	.252	.748	.394	.091	.177	.014	25	100
01324	Blue	16-14	.032 X .250	.260	.295	.807	.394	.091	.177	.016	25	100
01332	Yellow	12-10	.032 X .250	.260	.295	.925	.512	.134	.217	.016	25	100

Nylon Fully Insulated Disconnects – 25 Pack

(100 Pack located on Page H19)



- ▶ Nylon Insulated
- ▶ Electro Tin Plated Brass
- ▶ Expanded Insulation
- ▶ Serrated Barrel
- ▶ 221°F (105°C) 300 Volts Max

Dimensions = Inches

Cat. No.	Type	Color	Wire Size AWG	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
01411	Female	Red	22-16	.032 X .250	.260	.295	.866	.433	.067	.157	.016	25	100
01412	Female	Blue	16-14	.032 X .250	.260	.295	.866	.433	.091	.177	.016	25	100
01414	Female	Yellow	12-10	.032 X .250	.260	.295	.945	.512	.134	.248	.016	25	100
01415	Male	Red	22-16	.032 X .250	.250	.303	.906	.433	.067	.157	.016	25	100
01416	Male	Blue	16-14	.032 X .250	.250	.303	.945	.433	.091	.177	.016	25	100
01418	Male	Yellow	12-10	.032 X .250	.250	.303	.984	.512	.134	.248	.016	25	100

200 Piece Terminal Kit



- High impact reusable plastic box
- Assortment of ring & spade terminals, butt connectors, male & female disconnects

Cat. No.	Kits/Case
10816	5

Contains the following :

Qty	Item ID	Item Description
4	10012	Ring Terminal 22-16 #6
4	10014	Ring Terminal 22-16 #8
4	10016	Ring Terminal 22-16 #10
4	10032	Ring Terminal 16-14 #6
4	10034	Ring Terminal 16-14 #8
5	10036	Ring Terminal 16-14 #10
4	10062	Ring Terminal 12-10 #8
6	10064	Ring Terminal 12-10 #10
4	10066	Ring Terminal 12-10 1/4"
4	10068	Ring Terminal 12-10 5/16"
4	10112	Spade Terminal 22-18 #6
4	10114	Spade Terminal 22-18 #8
4	10116	Spade Terminal 22-18 #10
4	10132	Spade Terminal 16-14 #6
8	10134	Spade Terminal 16-14 #8
7	10136	Spade Terminal 16-14 #10
9	10162	Spade Terminal 12-10 #8

Qty	Item ID	Item Description
16	10164	Spade Terminal 12-10 #10
4	10166	Spade Terminal 12-10 1/4"
11	10182	Butt Connector 22-18
11	10184	Butt Connector 16-14
9	10186	Butt Connector 12-10
4	10214	Vinyl Male Disconnect 22-16 .250
4	10224	Vinyl Male Disconnect 16-14 .250
4	10232	Vinyl Male Disconnect 12-10 .250
5	10314	Vinyl Fem Disconnect 22-18 .250
4	10322	Vinyl Fem Disconnect 16-14 .187
11	10324	Vinyl Fem Disconnect 16-14 .250
13	10332	Vinyl Fem Disconnect 12-10 .250
4	10411	Nyl Full Ins Fem Discon 22-18 .250
5	10412	Nyl Full Ins Fem Discon 16-14 .250
4	10414	Nyl Full Ins Fem Discon 12-10 .250
4	10415	Nyl Full Ins Male Discon 22-18 .250
4	10416	Nyl Full Ins Male Discon 16-14 .250

175 Piece Terminal Kit With Crimp Tool



- High impact reusable plastic box
- 22 - 10 AWG Crimp Tool
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

Cat. No.	Kits/Case
10815	5

Contains the following :

Qty	Item ID	Item Description
4	10014	Ring Terminal 22-16 #8
4	10034	Ring Terminal 16-14 #8
5	10036	Ring Terminal 16-14 #10
4	10062	Ring Terminal 12-10 #8
6	10064	Ring Terminal 12-10 #10
4	10066	Ring Terminal 12-10 1/4"
4	10112	Spade Terminal 22-16 #6
4	10114	Spade Terminal 22-16 #8
4	10116	Spade Terminal 22-16 #10
4	10132	Spade Terminal 16-14 #6
7	10134	Spade Terminal 16-14 #8
6	10136	Spade Terminal 16-14 #10
8	10162	Spade Terminal 12-10 #8
15	10164	Spade Terminal 12-10 #10
4	10166	Spade Terminal 12-10 1/4"

Qty	Item ID	Item Description
10	10182	Butt Connector 22-18
10	10184	Butt Connector 16-14
8	10186	Butt Connector 12-10
4	10214	Vinyl Male Disconnect 22-16 .250
4	10224	Vinyl Male Disconnect 16-14 .250
4	10232	Vinyl Male Disconnect 12-10 .250
5	10314	Vinyl Fem Disconnect 22-18 .250
4	10322	Vinyl Fem Disconnect 16-14 .187
10	10324	Vinyl Fem Disconnect 16-14 .250
12	10332	Vinyl Fem Disconnect 12-10 .250
4	10411	Nyl Full Ins Fem Discon 22-18 .250
5	10412	Nyl Full Ins Fem Discon 16-14 .250
4	10414	Nyl Full Ins Fem Discon 12-10 .250
4	10415	Nyl Full Ins Male Discon 22-18 .250
4	10416	Nyl Full Ins Male Discon 16-14 .250

200 Piece Terminal Kit with Controlled Cycle Crimp Tool



- High impact reusable plastic box
- Ergonomic Controlled Cycle Crimp Tool
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

Cat. No.	Kits/Case
10817	5

Contains the following :

Qty	Item ID	Item Description
4	10012	Ring Terminal 22-16 #6
4	10014	Ring Terminal 22-16 #8
4	10016	Ring Terminal 22-16 #10
4	10032	Ring Terminal 16-14 #6
4	10034	Ring Terminal 16-14 #8
5	10036	Ring Terminal 16-14 #10
4	10062	Ring Terminal 12-10 #8
6	10064	Ring Terminal 12-10 #10
4	10066	Ring Terminal 12-10 1/4"
4	10068	Ring Terminal 12-10 5/16"
4	10112	Spade Terminal 22-16 #6
4	10114	Spade Terminal 22-16 #8
4	10116	Spade Terminal 22-16 #10
4	10132	Spade Terminal 16-14 #6
8	10134	Spade Terminal 16-14 #8
7	10136	Spade Terminal 16-14 #10
9	10162	Spade Terminal 12-10 #8

Qty	Item ID	Item Description
16	10164	Spade Terminal 12-10 #10
4	10166	Spade Terminal 12-10 1/4"
11	10182	Butt Connector 22-18
11	10184	Butt Connector 16-14
9	10186	Butt Connector 12-10
4	10214	Vinyl Male Disconnect 22-16 .250
4	10224	Vinyl Male Disconnect 16-14 .250
4	10232	Vinyl Male Disconnect 12-10 .250
5	10314	Vinyl Fem Disconnect 22-18 .250
4	10322	Vinyl Fem Disconnect 16-14 .187
11	10324	Vinyl Fem Disconnect 16-14 .250
13	10332	Vinyl Fem Disconnect 12-10 .250
4	10411	Nyl Full Ins Fem Discon 22-18 .250
5	10412	Nyl Full Ins Fem Discon 16-14 .250
4	10414	Nyl Full Ins Fem Discon 12-10 .250
4	10415	Nyl Full Ins Male Discon 22-18 .250
4	10416	Nyl Full Ins Male Discon 16-14 .250

500 Piece Terminal Kit with Controlled Cycle Crimp Tool



- High impact steel tray
- Ergonomic controlled cycle crimp tool
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

Contains the following :

Qty	Item ID	Item Description	Qty	Item ID	Item Description
8	10012	Ring Terminal 22-16 #6	40	10164	Spade Terminal 12-10 #10
10	10014	Ring Terminal 22-16 #8	8	10166	Spade Terminal 12-10 1/4"
8	10016	Ring Terminal 22-16 #10	28	10182	Butt Connector 22-18
8	10032	Ring Terminal 16-14 #6	30	10184	Butt Connector 16-14
10	10034	Ring Terminal 16-14 #8	23	10186	Butt Connector 12-10
14	10036	Ring Terminal 16-14 #10	8	10214	Vinyl Male Disconnect 22-16 .250
10	10062	Ring Terminal 12-10 #8	10	10224	Vinyl Male Disconnect 16-14 .250
16	10064	Ring Terminal 12-10 #10	10	10232	Vinyl Male Disconnect 12-10 .250
10	10066	Ring Terminal 12-10 1/4"	14	10314	Vinyl Fem Disconnect 22-18 .250
8	10068	Ring Terminal 12-10 5/16"	10	10322	Vinyl Fem Disconnect 16-14 .187
10	10112	Spade Terminal 22-16 #6	28	10324	Vinyl Fem Disconnect 16-14 .250
10	10114	Spade Terminal 22-16 #8	35	10332	Vinyl Fem Disconnect 12-10 .250
10	10116	Spade Terminal 22-16 #10	10	10411	Nyl Full Ins Fem Discon 22-18 .250
10	10132	Spade Terminal 16-14 #6	14	10412	Nyl Full Ins Fem Discon 16-14 .250
21	10134	Spade Terminal 16-14 #8	10	10414	Nyl Full Ins Fem Discon 12-10 .250
18	10136	Spade Terminal 16-14 #10	8	10415	Nyl Full Ins Male Discon 22-18 .250
23	10162	Spade Terminal 12-10 #8	10	10416	Nyl Full Ins Male Discon 16-14 .250

Cat. No.	Kits/Case
10818	5

Multi-Way Adapters



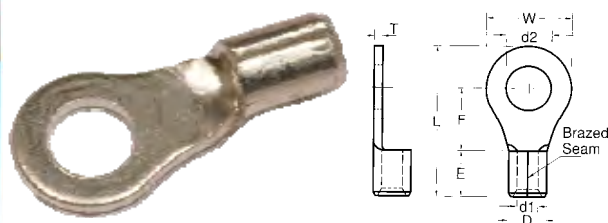
H4

TERMINAL MATERIAL: Brass

Dimensions = Inches

Cat. No.	Description	Nema Tab	W	L	Figure	Bag Qty
10710*	2-WAY BULLET RECEPTACLE 105°C 600V	.156	.307	1.260		100
10712*	DOUBLE MALE TAB SINGLE FEMALE SLIP-ON 600V 24A	.250	.575	.787		100
10714	3-WAY ADAPTER (2 MALE TABS) 600V 24A	.250	.291	.709		100
10716	CHAIR ADAPTER (2 MALE TABS) 600V 24A	.250	.331	.827		100
10718	CHAIR ADAPTER (3 MALE TAB) 600V 24A	.250	.299	.827		100
10720*	90° CHAIR ADAPTER (2 MALE TAB) 600V 24A	.250	.335	.811		100

* Not UL Listed



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600V

TERMINAL MATERIAL:

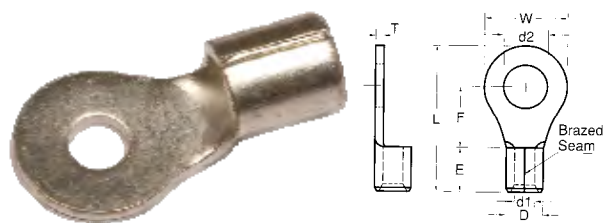
Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11011	22-16	#2	.095	.217	.189	.488	.189	.134	.067	.030	100	1000
11012	22-16	#4	.126	.217	.197	.492	.189	.134	.067	.030	100	1000
11014	22-16	#6	.146	.260	.248	.567	.189	.134	.067	.030	100	1000
11016	22-16	#8	.169	.315	.276	.622	.189	.134	.067	.030	100	1000
11018	22-16	#10	.209	.315	.276	.622	.189	.134	.067	.030	100	1000
11020	22-16	1/4	.252	.457	.433	.858	.189	.134	.067	.030	100	1000
11022	22-16	5/16	.331	.457	.433	.858	.189	.134	.067	.030	100	1000
11024	22-16	3/8	.413	.535	.547	1.004	.189	.134	.067	.030	100	1000
11026	22-16	1/2	.512	.756	.630	1.197	.189	.134	.067	.030	100	1000
11028	22-16	9/16	.591	1.063	.827	1.547	.189	.134	.067	.031	100	1000
11030	22-16	5/8	.669	1.063	.827	1.547	.189	.134	.067	.031	100	1000
11032	22-16	3/4	.827	1.063	.827	1.547	.189	.134	.067	.031	100	1000
11033	16-14	#2	.087	.217	.220	.520	.189	.161	.091	.031	100	1000
11034	16-14	#4	.126	.260	.189	.504	.189	.161	.091	.031	100	1000
11036	16-14	#6	.146	.260	.248	.567	.189	.161	.091	.031	100	1000
11038	16-14	#8	.169	.335	.291	.650	.189	.161	.091	.031	100	1000
11040	16-14	#10	.209	.335	.291	.650	.189	.161	.091	.031	100	1000
11042	16-14	1/4	.252	.472	.433	.858	.189	.161	.091	.031	100	1000
11044	16-14	5/16	.331	.472	.433	.858	.189	.161	.091	.031	100	1000
11046	16-14	3/8	.413	.535	.547	1.004	.189	.161	.091	.031	100	1000
11048	16-14	1/2	.512	.756	.630	1.197	.189	.161	.091	.031	100	1000
11050	16-14	9/16	.591	1.063	.827	1.547	.189	.161	.091	.031	100	1000
11052	16-14	5/8	.669	1.063	.827	1.547	.189	.161	.091	.031	100	1000
11054	16-14	3/4	.827	1.063	.827	1.547	.189	.161	.091	.031	100	1000
11055	12-10	#4	.126	.283	.228	.610	.236	.220	.134	.039	100	1000
11056	12-10	#6	.146	.283	.240	.618	.236	.220	.134	.039	100	1000
11058	12-10	#8	.169	.283	.240	.618	.236	.220	.134	.039	100	1000
11060	12-10	#10	.209	.374	.327	.748	.236	.220	.134	.039	100	1000
11062	12-10	1/4	.252	.472	.413	.886	.236	.220	.134	.039	100	1000
11064	12-10	5/16	.331	.591	.524	1.063	.236	.220	.134	.039	100	1000
11066	12-10	3/8	.413	.591	.524	1.063	.236	.220	.134	.039	100	1000
11068	12-10	1/2	.512	.756	.630	1.244	.236	.220	.134	.039	100	1000
11070	12-10	9/16	.591	1.260	.992	1.858	.236	.220	.134	.039	100	1000
11072	12-10	5/8	.669	1.260	.992	1.858	.236	.220	.134	.039	100	1000
11071	12-10	11/16	.748	1.260	.992	1.858	.236	.220	.134	.039	100	1000
11074	12-10	3/4	.827	1.260	.992	1.858	.236	.220	.134	.039	100	1000

Non-Insulated Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	8	6	4	2
Amp	70	95	125	170

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600V

TERMINAL MATERIAL:

Electro-Tin Plated Copper - Brazed Seam

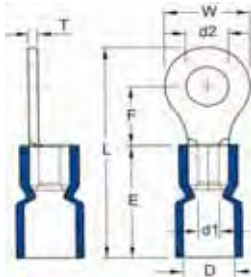
FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty
11076	8	#6	.146	.315	.366	.846	.335	.283	.177	.047	100
11078	8	#8	.169	.472	.366	.937	.335	.283	.177	.047	100
11080	8	#10	.209	.472	.366	.937	.335	.283	.177	.047	100
11082	8	1/4	.252	.472	.366	.937	.335	.283	.177	.047	100
11084	8	5/16	.331	.591	.543	1.161	.335	.283	.177	.047	100
11086	8	3/8	.413	.591	.543	1.161	.335	.283	.177	.047	100
11088	8	1/2	.512	.787	.591	1.319	.335	.283	.177	.047	100
11138	8	9/16	.591	1.244	1.008	1.949	.335	.283	.177	.047	100
11139	8	5/8	.669	1.244	1.008	1.949	.335	.283	.177	.047	100
11140	8	11/16	.748	1.244	1.008	1.949	.335	.283	.177	.047	100
11141	8	3/4	.827	1.244	1.008	1.949	.335	.283	.177	.047	100
11090	6	#8	.169	.472	.524	1.180	.413	.354	.228	.059	100
11092	6	#10	.209	.472	.524	1.180	.413	.354	.228	.059	100
11094	6	1/4	.252	.472	.524	1.180	.413	.354	.228	.059	100
11096	6	5/16	.331	.630	.559	1.280	.413	.354	.228	.059	100
11098	6	3/8	.413	.630	.559	1.280	.413	.354	.228	.059	100
11100	6	7/16	.453	.866	.780	1.614	.413	.354	.228	.059	100
11102	6	1/2	.512	.866	.780	1.614	.413	.354	.228	.059	100
11142	6	9/16	.591	1.244	.996	2.008	.413	.354	.228	.059	100
11143	6	5/8	.669	1.244	.996	2.008	.413	.354	.228	.059	100
11144	6	11/16	.748	1.244	.996	2.008	.413	.354	.228	.059	100
11145	6	3/4	.827	1.244	.996	2.008	.413	.354	.228	.059	100
11104	4	#8	.169	.480	.594	1.307	.472	.453	.303	.067	100
11106	4	#10	.209	.480	.594	1.307	.472	.453	.303	.067	100
11108	4	1/4	.252	.480	.594	1.299	.472	.453	.303	.067	100
11110	4	5/16	.331	.650	.531	1.319	.472	.453	.303	.067	100
11112	4	3/8	.413	.650	.531	1.319	.472	.453	.303	.067	100
11114	4	7/16	.453	.866	.776	1.673	.472	.453	.303	.067	100
11116	4	1/2	.512	.866	.776	1.673	.472	.453	.303	.067	100
11134	4	9/16	.591	1.181	.953	2.008	.472	.453	.303	.067	100
11135	4	5/8	.669	1.181	.953	2.008	.472	.453	.303	.067	100
11136	4	11/16	.748	1.181	.953	2.008	.472	.453	.303	.067	100
11137	4	3/4	.827	1.181	.953	2.008	.472	.453	.303	.067	100
11118	2	#10	.209	.602	.685	1.535	.551	.524	.370	.071	100
11120	2	1/4	.252	.602	.685	1.535	.551	.524	.370	.071	100
11122	2	5/16	.331	.602	.685	1.535	.551	.524	.370	.071	100
11124	2	3/8	.413	.602	.685	1.535	.551	.524	.370	.071	100
11126	2	7/16	.453	.866	.697	1.681	.551	.524	.370	.071	100
11128	2	1/2	.512	.866	.697	1.681	.551	.524	.370	.071	100
11130	2	9/16	.591	1.181	.917	2.047	.551	.524	.370	.071	100
11131	2	5/8	.669	1.181	.917	2.047	.551	.524	.370	.071	100
11132	2	11/16	.748	1.181	.917	2.047	.551	.524	.370	.071	100
11133	2	3/4	.827	1.181	.917	2.047	.551	.524	.370	.071	100

Ring Terminals

H6



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

INSULATION MATERIAL: Vinyl

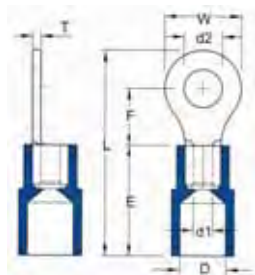
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
10010	Red	22-16	#4	.126	.217	.197	.736	.441	.157	.067	.031	100	1000
10012	Red	22-16	#6	.146	.260	.248	.811	.441	.157	.067	.031	100	1000
10014	Red	22-16	#8	.169	.315	.276	.866	.441	.157	.067	.031	100	1000
10016	Red	22-16	#10	.209	.315	.276	.866	.441	.157	.067	.031	100	1000
10018	Red	22-16	1/4	.252	.457	.433	1.102	.441	.157	.067	.031	100	1000
10020	Red	22-16	5/16	.331	.457	.433	1.102	.441	.157	.067	.031	100	1000
10022	Red	22-16	3/8	.413	.535	.547	1.248	.441	.157	.067	.031	100	1000
10023	Red	22-16	1/2	.512	.772	.630	1.441	.441	.157	.067	.031	100	1000
10024	Red	22-16	9/16	.591	1.063	.827	1.791	.441	.157	.067	.031	100	1000
10026	Red	22-16	5/8	.669	1.063	.827	1.791	.441	.157	.067	.031	100	1000
10028	Red	22-16	3/4	.827	1.063	.827	1.791	.441	.157	.067	.031	100	1000
10030	Blue	16-14	#4	.126	.260	.189	.760	.453	.177	.091	.031	100	1000
10032	Blue	16-14	#6	.146	.260	.248	.823	.453	.177	.091	.031	100	1000
10034	Blue	16-14	#8	.169	.335	.307	.917	.453	.177	.091	.031	100	1000
10036	Blue	16-14	#10	.209	.335	.307	.917	.453	.177	.091	.031	100	1000
10038	Blue	16-14	1/4	.252	.472	.433	1.114	.453	.177	.091	.031	100	1000
10040	Blue	16-14	5/16	.331	.472	.433	1.114	.453	.177	.091	.031	100	1000
10042	Blue	16-14	3/8	.413	.535	.547	1.260	.453	.177	.091	.031	100	1000
10044	Blue	16-14	1/2	.512	.756	.630	1.453	.453	.177	.091	.031	100	1000
10046	Blue	16-14	9/16	.591	1.063	.827	1.803	.453	.177	.091	.031	100	1000
10048	Blue	16-14	5/8	.669	1.063	.827	1.803	.453	.177	.091	.031	100	1000
10050	Blue	16-14	3/4	.827	1.063	.827	1.803	.453	.177	.091	.031	100	1000
10060	Yellow	12-10	#6	.146	.283	.240	.937	.555	.248	.134	.039	100	1000
10062	Yellow	12-10	#8	.169	.283	.240	.937	.555	.248	.134	.039	100	1000
10064	Yellow	12-10	#10	.209	.374	.327	1.024	.555	.248	.134	.039	100	1000
10066	Yellow	12-10	1/4	.252	.472	.413	1.205	.555	.248	.134	.039	100	1000
10068	Yellow	12-10	5/16	.331	.591	.524	1.382	.555	.248	.134	.039	100	1000
10070	Yellow	12-10	3/8	.413	.591	.524	1.382	.555	.248	.134	.039	100	1000
10072	Yellow	12-10	1/2	.512	.756	.630	1.563	.555	.248	.134	.039	100	1000
10074	Yellow	12-10	9/16	.591	1.260	.992	2.177	.555	.248	.134	.039	100	1000
10076	Yellow	12-10	5/8	.669	1.260	.992	2.177	.555	.248	.134	.039	100	1000
10078	Yellow	12-10	3/4	.827	1.260	.992	2.177	.555	.248	.134	.039	100	1000

Nylon Insulated Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

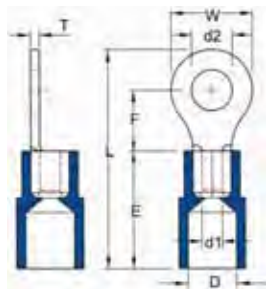
TERMINAL MATERIAL:

Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11312	Red	22-16	#4	.126	.216	.197	.728	.433	.157	.067	.030	100	1000
11314	Red	22-16	#6	.146	.260	.248	.803	.433	.157	.067	.030	100	1000
11316	Red	22-16	#8	.169	.315	.276	.858	.433	.157	.067	.030	100	1000
11318	Red	22-16	#10	.209	.315	.276	.858	.433	.157	.067	.030	100	1000
11320	Red	22-16	1/4	.252	.457	.433	1.094	.433	.157	.067	.030	100	1000
11322	Red	22-16	5/16	.331	.457	.433	1.094	.433	.157	.067	.030	100	1000
11324	Red	22-16	3/8	.413	.535	.547	1.240	.433	.157	.067	.030	100	1000
11326	Red	22-16	1/2	.512	.756	.630	1.433	.433	.157	.067	.030	100	1000
11328	Red	22-16	9/16	.591	1.063	.827	1.783	.433	.157	.067	.031	100	1000
11330	Red	22-16	5/8	.669	1.063	.827	1.783	.433	.157	.067	.031	100	1000
11332	Red	22-16	3/4	.827	1.063	.827	1.783	.433	.157	.067	.031	100	1000
11334	Blue	16-14	#4	.126	.260	.189	.740	.433	.177	.091	.031	100	1000
11336	Blue	16-14	#6	.146	.260	.248	.803	.433	.177	.091	.031	100	1000
11338	Blue	16-14	#8	.169	.335	.307	.898	.433	.177	.091	.031	100	1000
11340	Blue	16-14	#10	.209	.335	.307	.898	.433	.177	.091	.031	100	1000
11342	Blue	16-14	1/4	.252	.472	.433	1.094	.433	.177	.091	.031	100	1000
11344	Blue	16-14	5/16	.331	.472	.433	1.094	.433	.177	.091	.031	100	1000
11346	Blue	16-14	3/8	.413	.535	.547	1.240	.433	.177	.091	.031	100	1000
11348	Blue	16-14	1/2	.512	.756	.630	1.433	.433	.177	.091	.031	100	1000
11350	Blue	16-14	9/16	.591	1.063	.827	1.783	.433	.177	.091	.031	100	1000
11352	Blue	16-14	5/8	.669	1.063	.827	1.783	.433	.177	.091	.031	100	1000
11354	Blue	16-14	3/4	.827	1.063	.827	1.783	.433	.177	.091	.031	100	1000
11356	Yellow	12-10	#6	.146	.283	.240	.894	.512	.252	.134	.039	100	1000
11358	Yellow	12-10	#8	.169	.283	.240	.894	.512	.252	.134	.039	100	1000
11360	Yellow	12-10	#10	.209	.374	.329	1.024	.512	.252	.134	.039	100	1000
11362	Yellow	12-10	1/4	.252	.472	.413	1.161	.512	.252	.134	.039	100	1000
11364	Yellow	12-10	5/16	.331	.591	.524	1.339	.512	.252	.134	.039	100	1000
11366	Yellow	12-10	3/8	.413	.591	.524	1.339	.512	.252	.134	.039	100	1000
11368	Yellow	12-10	1/2	.512	.756	.630	1.520	.512	.252	.134	.039	100	1000
11370	Yellow	12-10	9/16	.591	1.260	.992	2.134	.512	.252	.134	.039	100	1000
11372	Yellow	12-10	5/8	.669	1.260	.992	2.134	.512	.252	.134	.039	100	1000
11374	Yellow	12-10	3/4	.827	1.260	.992	2.134	.512	.252	.134	.039	100	1000



MAXIMUM ELECTRIC CURRENT:

Awg	8	6	4	2
Amp	70	95	125	170

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL:

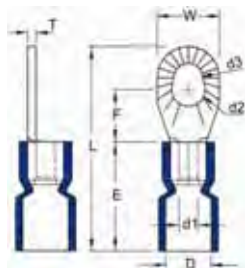
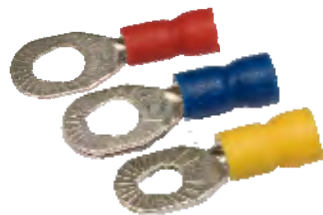
Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty
11376	Red	8	#6	.146	.315	.366	1.142	.630	.315	.177	.047	100
11378	Red	8	#8	.169	.472	.366	1.232	.630	.315	.177	.047	100
11380	Red	8	#10	.209	.472	.366	1.232	.630	.315	.177	.047	100
11382	Red	8	1/4	.252	.472	.366	1.232	.630	.315	.177	.047	100
11384	Red	8	5/16	.331	.591	.543	1.469	.630	.315	.177	.047	100
11386	Red	8	3/8	.413	.591	.543	1.469	.630	.315	.177	.047	100
11388	Red	8	1/2	.512	.787	.591	1.614	.630	.315	.177	.047	100
11390	Blue	6	#8	.169	.472	.524	1.606	.846	.433	.228	.059	100
11392	Blue	6	#10	.209	.472	.524	1.606	.846	.433	.228	.059	100
11394	Blue	6	1/4	.252	.472	.524	1.606	.846	.433	.228	.059	100
11396	Blue	6	5/16	.331	.630	.559	1.713	.846	.433	.228	.059	100
11398	Blue	6	3/8	.413	.630	.559	1.713	.846	.433	.228	.059	100
11400	Blue	6	7/16	.453	.866	.780	2.047	.846	.433	.228	.059	100
11402	Blue	6	1/2	.512	.866	.780	2.047	.846	.433	.228	.059	100
11404	Yellow	4	#8	.169	.480	.594	1.780	.945	.512	.303	.067	100
11406	Yellow	4	#10	.209	.480	.594	1.780	.945	.512	.303	.067	100
11408	Yellow	4	1/4	.252	.480	.614	1.772	.945	.512	.303	.067	100
11410	Yellow	4	5/16	.331	.650	.531	1.791	.945	.512	.303	.067	100
11412	Yellow	4	3/8	.413	.650	.531	1.791	.945	.512	.303	.067	100
11414	Yellow	4	7/16	.453	.866	.776	2.146	.945	.512	.303	.067	100
11416	Yellow	4	1/2	.512	.866	.776	2.146	.945	.512	.303	.067	100
11418	Red	2	#10	.209	.602	.685	2.047	1.063	.571	.370	.071	100
11420	Red	2	1/4	.252	.602	.685	2.047	1.063	.571	.370	.071	100
11422	Red	2	5/16	.331	.602	.685	2.047	1.063	.571	.370	.071	100
11424	Red	2	3/8	.413	.602	.685	2.047	1.063	.571	.370	.071	100
11426	Red	2	7/16	.453	.866	.697	2.193	1.063	.571	.370	.071	100
11428	Red	2	1/2	.512	.866	.697	2.193	1.063	.571	.370	.071	100

Vinyl Insulated Multiple-Stud Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

INSULATION MATERIAL: Vinyl

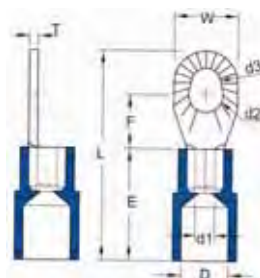
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11452	Red	22-16	#6	.146									
	Red	22-16	#8	.169	.339	.311	1.012	.441	.157	.067	.030	100	1000
	Red	22-16	#10	.209									
11454	Blue	16-14	#6	.146									
	Blue	16-14	#8	.169	.339	.311	1.024	.453	.177	.091	.031	100	1000
	Blue	16-14	#10	.209									
11456	Yellow	12-10	#6	.146									
	Yellow	12-10	#8	.169	.390	.350	1.205	.555	.248	.134	.039	100	1000
	Yellow	12-10	#10	.209									

Nylon Insulated Multiple-Stud Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL:

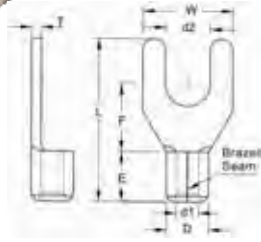
Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11462	Red	22-16	#6	.146									
	Red	22-16	#8	.169	.339	.311	.996	.433	.157	.067	.030	100	1000
	Red	22-16	#10	.209									
11464	Blue	16-14	#6	.146									
	Blue	16-14	#8	.169	.339	.311	.996	.433	.177	.091	.031	100	1000
	Blue	16-14	#10	.209									
11466	Yellow	12-10	#6	.146									
	Yellow	12-10	#8	.169	.390	.350	1.154	.512	.252	.134	.039	100	1000
	Yellow	12-10	#10	.209									

Non-Insulated Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600V

TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

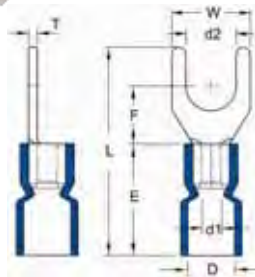
FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11512	22-16	#4	.126	.323	.256	.630	.189	.134	.067	.030	100	1000
11514	22-16	#6	.146	.252	.256	.630	.189	.134	.067	.030	100	1000
11516	22-16	#8	.169	.319	.256	.630	.189	.134	.067	.030	100	1000
11518	22-16	#10	.209	.319	.256	.630	.189	.134	.067	.030	100	1000
11520	22-16	1/4	.252	.472	.433	.866	.189	.134	.067	.030	100	1000
11522	16-14	#4	.126	.224	.256	.630	.189	.161	.091	.031	100	1000
11524	16-14	#6	.146	.283	.256	.630	.189	.161	.091	.031	100	1000
11526	16-14	#8	.169	.319	.256	.630	.189	.161	.091	.031	100	1000
11528	16-14	#10	.209	.366	.256	.630	.189	.161	.091	.031	100	1000
11530	16-14	1/4	.252	.472	.433	.866	.189	.161	.091	.031	100	1000
11532	12-10	#6	.146	.327	.276	.728	.236	.220	.134	.039	100	1000
11534	12-10	#8	.169	.354	.276	.728	.236	.220	.134	.039	100	1000
11536	12-10	#10	.209	.354	.276	.728	.236	.220	.134	.039	100	1000
11538	12-10	1/4	.252	.472	.472	.965	.236	.220	.134	.039	100	1000
11540	12-10	5/16	.331	.551	.413	.925	.236	.220	.134	.039	100	1000
11542	8	#10	.209	.413	.319	.819	.335	.283	.177	.047	100	-
11544	8	1/4	.252	.425	.339	.886	.335	.283	.177	.047	100	-
11546	6	1/4	.252	.433	.421	1.004	.413	.354	.228	.059	100	-
11548	6	5/16	.331	.543	.421	1.122	.413	.354	.228	.059	100	-

Vinyl Insulated Spade Terminals

(25 Pack located on Page H1)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Vinyl

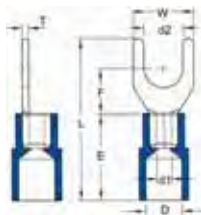
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Box Qty
10110	Red	22-16	#4	.126	.224	.256	.874	.441	.157	.067	.030	100	1000
10112	Red	22-16	#6	.146	.252	.256	.874	.441	.157	.067	.030	100	1000
10114	Red	22-16	#8	.169	.319	.256	.874	.441	.157	.067	.030	100	1000
10116	Red	22-16	#10	.209	.319	.256	.874	.441	.157	.067	.030	100	1000
10118	Red	22-16	1/4	.252	.472	.433	1.110	.441	.157	.067	.030	100	1000
10120	Blue	16-14	#4	.126	.224	.256	.886	.453	.177	.091	.031	100	1000
10132	Blue	16-14	#6	.146	.283	.256	.886	.453	.177	.091	.031	100	1000
10134	Blue	16-14	#8	.169	.311	.256	.886	.453	.177	.091	.031	100	1000
10136	Blue	16-14	#10	.209	.366	.256	.886	.453	.177	.091	.031	100	1000
10138	Blue	16-14	1/4	.252	.472	.433	1.122	.453	.177	.091	.031	100	1000
10140	Yellow	12-10	#6	.146	.327	.276	1.047	.555	.248	.134	.039	100	1000
10162	Yellow	12-10	#8	.169	.354	.276	1.047	.555	.248	.134	.039	100	1000
10164	Yellow	12-10	#10	.209	.354	.276	1.047	.555	.248	.134	.039	100	1000
10166	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	100	1000
10168	Yellow	12-10	5/16	.331	.551	.413	1.244	.555	.248	.134	.039	100	1000

Nylon Insulated Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

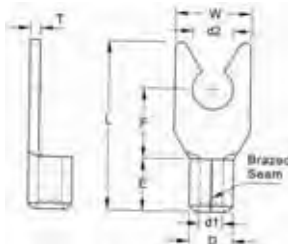
Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11612	Red	22-16	#4	.126	.224	.256	.866	.433	.157	.067	.030	100	1000
11614	Red	22-16	#6	.146	.252	.256	.866	.433	.157	.067	.030	100	1000
11616	Red	22-16	#8	.169	.319	.256	.866	.433	.157	.067	.030	100	1000
11618	Red	22-16	#10	.209	.319	.256	.866	.433	.157	.067	.030	100	1000
11620	Red	22-16	1/4	.252	.472	.433	1.102	.433	.157	.067	.030	100	1000
11622	Blue	16-14	#4	.126	.224	.256	.866	.433	.177	.091	.031	100	1000
11624	Blue	16-14	#6	.146	.283	.256	.866	.433	.177	.091	.031	100	1000
11626	Blue	16-14	#8	.169	.311	.256	.866	.433	.177	.091	.031	100	1000
11628	Blue	16-14	#10	.209	.366	.256	.866	.433	.177	.091	.031	100	1000
11630	Blue	16-14	1/4	.252	.472	.433	1.102	.433	.177	.091	.031	100	1000
11632	Yellow	12-10	#6	.146	.327	.276	1.004	.512	.252	.134	.039	100	1000
11634	Yellow	12-10	#8	.169	.327	.276	1.004	.512	.252	.134	.039	100	1000
11636	Yellow	12-10	#10	.209	.354	.276	1.004	.512	.252	.134	.039	100	1000
11638	Yellow	12-10	1/4	.252	.472	.472	1.240	.512	.252	.134	.039	100	1000
11640	Yellow	12-10	5/16	.331	.551	.413	1.201	.512	.252	.134	.039	100	1000
11642	Red	8	#10	.209	.413	.319	1.114	.630	.315	.177	.047	100	-
11644	Red	8	1/4	.252	.425	.339	1.181	.630	.315	.177	.047	100	-
11646	Blue	6	1/4	.252	.433	.421	1.437	.846	.433	.228	.059	100	-
11648	Blue	6	5/16	.331	.543	.421	1.555	.846	.433	.228	.059	100	-

Fork/Spade
Terminals

H12

Non-Insulated Locking Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6
Amp	9	12	17	18	30	35	50	70	95

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600V

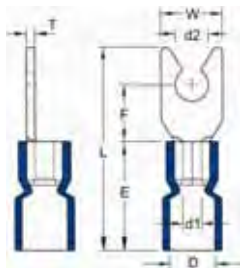
TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11662	22-16	#6	.146	.252	.256	.630	.189	.134	.067	.030	100	1000
11664	22-16	#8	.169	.319	.256	.630	.189	.134	.067	.030	100	1000
11666	22-16	#10	.209	.319	.256	.630	.189	.134	.067	.030	100	1000
11668	16-14	#6	.146	.236	.256	.630	.189	.161	.091	.031	100	1000
11670	16-14	#8	.169	.319	.256	.630	.189	.161	.091	.031	100	1000
11672	16-14	#10	.209	.366	.256	.630	.189	.161	.091	.031	100	1000
11674	12-10	#6	.146	.327	.276	.717	.236	.220	.134	.039	100	1000
11676	12-10	#8	.169	.327	.276	.717	.236	.220	.134	.039	100	1000
11678	12-10	#10	.209	.354	.276	.717	.236	.220	.134	.039	100	1000
11680	12-10	1/4	.252	.472	.472	.965	.236	.220	.134	.039	100	1000

Vinyl Insulated Locking Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

INSULATION MATERIAL: Vinyl

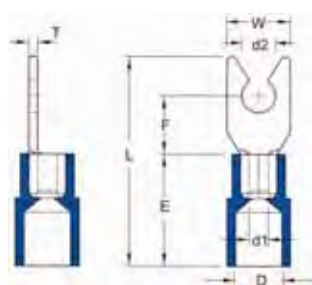
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11702	Red	22-16	#6	.146	.252	.256	.874	.874	.134	.067	.030	100	1000
11704	Red	22-16	#8	.169	.319	.256	.874	.874	.134	.067	.030	100	1000
11706	Red	22-16	#10	.209	.319	.256	.874	.874	.134	.067	.030	100	1000
11708	Blue	16-14	#6	.146	.236	.256	.886	.453	.161	.091	.031	100	1000
11710	Blue	16-14	#8	.169	.319	.256	.886	.453	.161	.091	.031	100	1000
11712	Blue	16-14	#10	.209	.366	.256	.886	.453	.161	.091	.031	100	1000
11714	Yellow	12-10	#6	.146	.327	.276	1.035	.555	.248	.134	.039	100	1000
11716	Yellow	12-10	#8	.169	.327	.276	1.035	.555	.248	.134	.039	100	1000
11718	Yellow	12-10	#10	.209	.354	.276	1.035	.555	.248	.134	.039	100	1000
11720	Yellow	12-10	1/4	.252	.472	.472	1.283	.555	.248	.134	.039	100	1000

Nylon Insulated Locking Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

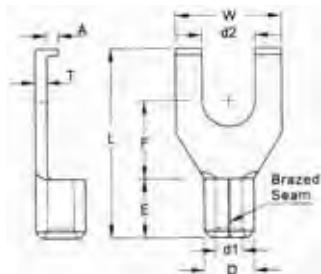
TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11722	Red	22-16	#6	.146	.252	.256	.866	.433	.134	.067	.030	100	1000
11724	Red	22-16	#8	.169	.319	.256	.866	.433	.134	.067	.030	100	1000
11726	Red	22-16	#10	.209	.319	.256	.866	.433	.134	.067	.030	100	1000
11728	Blue	16-14	#6	.146	.236	.256	.866	.433	.161	.091	.031	100	1000
11730	Blue	16-14	#8	.169	.319	.256	.866	.433	.161	.091	.031	100	1000
11732	Blue	16-14	#10	.209	.366	.256	.866	.433	.161	.091	.031	100	1000
11734	Yellow	12-10	#6	.146	.327	.276	.992	.512	.252	.134	.039	100	1000
11736	Yellow	12-10	#8	.169	.327	.276	.992	.512	.252	.134	.039	100	1000
11738	Yellow	12-10	#10	.209	.354	.276	.992	.512	.252	.134	.039	100	1000
11740	Yellow	12-10	1/4	.252	.472	.472	1.240	.512	.252	.134	.039	100	1000

Non-Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600V

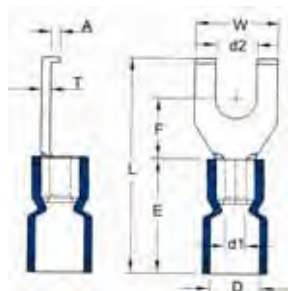
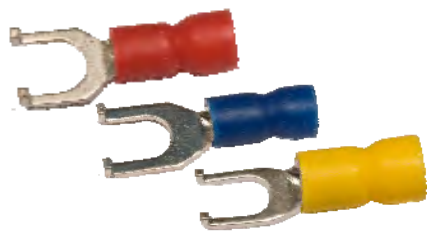
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Brazed Seam, Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty
11761	22-16	#2	.087	.252	.205	.551	.189	.134	.067	.059	.030	100	1000
11742	22-16	#4	.126	.252	.201	.551	.189	.134	.067	.059	.030	100	1000
11744	22-16	#6	.146	.252	.201	.551	.189	.134	.067	.059	.030	100	1000
11746	22-16	#8	.169	.335	.283	.768	.189	.134	.067	.059	.030	100	1000
11748	22-16	#10	.209	.295	.201	.551	.189	.134	.091	.059	.030	100	1000
11750	16-14	#6	.146	.295	.205	.571	.189	.161	.091	.059	.031	100	1000
11752	16-14	#8	.169	.315	.266	.728	.189	.161	.091	.059	.031	100	1000
11754	16-14	#10	.209	.335	.283	.709	.189	.161	.134	.059	.031	100	1000
11756	12-10	#6	.146	.299	.244	.728	.236	.220	.134	.059	.039	100	1000
11758	12-10	#8	.169	.335	.295	.787	.236	.220	.134	.059	.039	100	1000
11760	12-10	#10	.209	.299	.244	.728	.236	.220	.134	.059	.039	100	1000

Vinyl Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 V

INSULATION MATERIAL: Vinyl

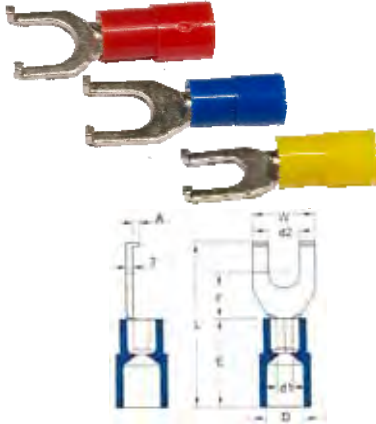
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty
11762	Red	22-16	#4	.126	.252	.201	.795	.441	.157	.067	.059	.030	100	1000
11764	Red	22-16	#6	.146	.252	.201	.795	.441	.157	.067	.059	.030	100	1000
11766	Red	22-16	#8	.169	.335	.283	1.012	.441	.157	.067	.059	.030	100	1000
11768	Red	22-16	#10	.209	.295	.201	.795	.441	.157	.067	.059	.030	100	1000
11770	Blue	16-14	#6	.146	.295	.205	.827	.453	.177	.091	.059	.031	100	1000
11772	Blue	16-14	#8	.169	.315	.266	.728	.453	.177	.091	.059	.031	100	1000
11774	Blue	16-14	#10	.209	.335	.283	.965	.453	.177	.091	.059	.031	100	1000
11776	Yellow	12-10	#6	.146	.299	.244	1.047	.555	.248	.134	.059	.039	100	1000
11778	Yellow	12-10	#8	.169	.335	.295	1.106	.555	.248	.134	.059	.039	100	1000
11780	Yellow	12-10	#10	.209	.299	.244	1.047	.555	.248	.134	.059	.039	100	1000

Nylon Insulated Fork Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

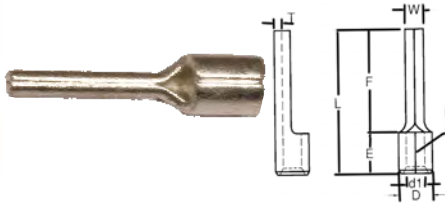
TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	A	T	Bag Qty	Master Bag Qty
11802	Red	22-16	#4	.126	.252	.201	.787	.443	.157	.067	.059	.030	100	1000
11804	Red	22-16	#6	.146	.252	.201	.787	.443	.157	.067	.059	.030	100	1000
11806	Red	22-16	#8	.169	.335	.283	1.004	.443	.157	.067	.059	.030	100	1000
11808	Red	22-16	#10	.209	.295	.201	.787	.443	.157	.067	.059	.030	100	1000
11810	Blue	16-14	#6	.146	.295	.205	.807	.443	.177	.091	.059	.031	100	1000
11812	Blue	16-14	#8	.169	.315	.266	.965	.443	.177	.091	.059	.031	100	1000
11814	Blue	16-14	#10	.209	.335	.283	.945	.443	.177	.091	.059	.031	100	1000
11816	Yellow	12-10	#6	.146	.299	.244	1.004	.512	.252	.134	.059	.039	100	1000
11818	Yellow	12-10	#8	.169	.335	.295	1.063	.512	.252	.134	.059	.039	100	1000
11820	Yellow	12-10	#10	.209	.299	.244	1.004	.512	.252	.134	.059	.039	100	1000

Non-Insulated Pin Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 302°F (150°C) 600Volts

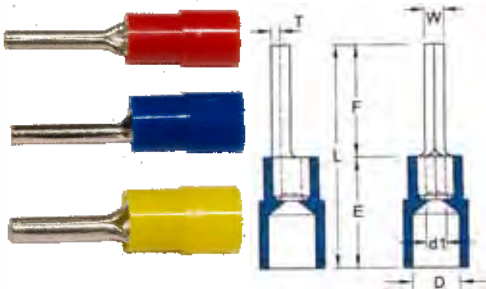
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Brazed Seam, Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11822	22-16	.075	.472	.661	.189	.134	.067	.030	100	1000
11824	16-14	.075	.472	.661	.189	.161	.091	.031	100	1000
11826	12-10	.110	.551	.787	.236	.220	.134	.039	100	1000

Nylon Insulated Pin Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

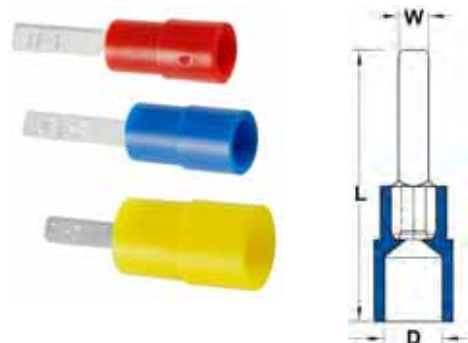
TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	W	F	L	E	D	d1	T	Bag Qty	Master Bag Qty
11832	Red	22-16	.075	.472	.898	.433	.157	.067	.030	100	1000
11834	Blue	16-14	.075	.472	.898	.433	.177	.091	.031	100	1000
11836	Yellow	12-10	.110	.551	1.063	.512	.252	.134	.039	100	1000

Nylon Insulated Blade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	18	16	14	12	10
Amp	5.5	7	9	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Copper

*Note: Part 11846 is Brazed Seam

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Tab Dim.	L	D	W	Bag Qty	Master Bag Qty
11842	Red	22-16	.118 x .030	.858	.157	.118	100	1000
11844	Blue	16-14	.118 x .031	.937	.177	.118	100	1000
11846*	Yellow	12-10	.110 x .039	.906	.252	.110	100	1000

Non-Insulated Double Crimp Female Disconnects



H16



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600 Volts

TERMINAL MATERIAL: Electro-Tin Plated Brass - Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	NEMA TAB	W	F	L	B	D	d1	Bag Qty	Master Bag Qty
10246	22-16	.020X.187	.199	.248	.543	.189	.106	.067	100	1000
10245	22-16	.032X.187	.199	.248	.543	.189	.106	.067	100	1000
10247	22-16	.032X.250	.260	.295	.598	.189	.106	.067	100	1000
10249	16-14	.020X.187	.199	.248	.543	.189	.130	.091	100	1000
10248	16-14	.032X.187	.199	.248	.543	.189	.130	.091	100	1000
10250	16-14	.032X.250	.260	.295	.598	.189	.130	.091	100	1000
10251	12-10	.032X.250	.260	.287	.642	.236	.177	.134	100	1000

Non-Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 302°F(150°C) 600 Volts

TERMINAL MATERIAL: Electro-Tin Plated Brass - Brazed Seam

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

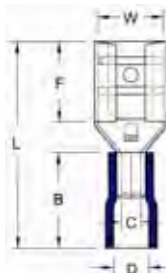
FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Wire Size AWG	NEMA TAB	W	F	L	B	D	d1	Bag Qty	Master Bag Qty
10242	22-16	.032X.250	.250	.299	.646	.197	.106	.067	100	1000
10243	16-14	.032X.250	.248	.303	.646	.197	.130	.091	100	1000
10244	12-10	.032X.250	.250	.303	.669	.236	1.77	.134	100	1000

Vinyl Insulated Female Disconnects

(25 Pack located on Page H2)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F(75°C) 300 Volts

INSULATION MATERIAL: Vinyl

TERMINAL MATERIAL: Electro-Tin Plated Brass

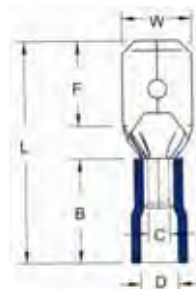
FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
10308	Red	22-16	.020 X.110	.126	.256	.732	.394	.067	.157	.012	100	1000
10310	Red	22-16	.032 X.110	.126	.256	.732	.394	.067	.157	.012	100	1000
10312	Red	22-16	.020 X.187	.197	.252	.748	.394	.067	.157	.014	100	1000
10311	Red	22-16	.032 X.187	.197	.252	.748	.394	.067	.157	.014	100	1000
10313	Red	22-16	.020 X.205	.224	.260	.728	.394	.067	.157	.014	100	1000
10314	Red	22-16	.032 X.250	.260	.287	.807	.394	.067	.157	.016	100	1000
10316	Blue	16-14	.020 X.110	.126	.256	.732	.394	.091	.177	.012	100	1000
10318	Blue	16-14	.032 X.110	.126	.256	.732	.394	.091	.177	.012	100	1000
10322	Blue	16-14	.020 X.187	.197	.252	.748	.394	.091	.177	.014	100	1000
10323	Blue	16-14	.032 X.187	.197	.252	.748	.394	.091	.177	.014	100	1000
10325	Blue	16-14	.020 X.205	.224	.260	.728	.394	.091	.177	.014	100	1000
10324	Blue	16-14	.032 X.250	.260	.287	.807	.394	.091	.177	.016	100	1000
10328	Yellow	12-10	.020 X.110	.126	.256	.866	.512	.134	.217	.014	100	1000
10329	Yellow	12-10	.032 X.110	.126	.256	.866	.512	.134	.217	.014	100	1000
10330	Yellow	12-10	.020 X.187	.197	.256	.866	.512	.134	.217	.014	100	1000
10331	Yellow	12-10	.032 X.187	.197	.256	.866	.512	.134	.217	.014	100	1000
10332	Yellow	12-10	.032 X.250	.260	.287	.925	.512	.134	.217	.016	100	1000

Vinyl Insulated Male Disconnects

(25 Pack located on Page H2)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F(75°C) 300 Volts

INSULATION MATERIAL: Vinyl

TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
10208	Red	22-16	.020 X.110	.110	.256	.728	.394	.067	.157	.020	100	1000
10210	Red	22-16	.032 X.110	.110	.256	.728	.394	.067	.157	.016	100	1000
10212	Red	22-16	.020 X.187	.189	.256	.748	.394	.067	.157	.020	100	1000
10213	Red	22-16	.032 X.187	.189	.264	.748	.394	.067	.157	.016	100	1000
10214	Red	22-16	.032 X.250	.250	.303	.827	.394	.067	.157	.016	100	1000
10222	Blue	16-14	.020 X.187	.189	.256	.748	.394	.091	.177	.020	100	1000
10223	Blue	16-14	.032 X.187	.189	.264	.748	.394	.091	.177	.016	100	1000
10224	Blue	16-14	.032 X.250	.250	.303	.827	.394	.091	.177	.016	100	1000
10232	Yellow	12-10	.032 X.250	.250	.303	.945	.512	.134	.217	.016	100	1000

Nylon Insulated Double Crimp Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

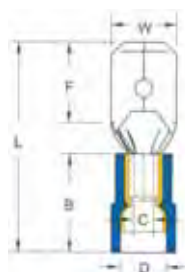
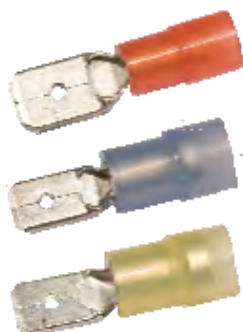
Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
11902	Red	22-16	.020 X.110	.126	.256	.772	.433	.067	.157	.012	100	1000
11904	Red	22-16	.032 X.110	.126	.256	.772	.433	.067	.157	.012	100	1000
11906	Red	22-16	.020 X.187	.197	.252	.787	.433	.067	.157	.014	100	1000
11908	Red	22-16	.032 X.187	.197	.252	.787	.433	.067	.157	.014	100	1000
11910	Red	22-16	.020 X.205	.224	.260	.768	.433	.067	.157	.014	100	1000
11912	Red	22-16	.032 X.250	.260	.287	.846	.433	.067	.157	.016	100	1000
11914	Blue	16-14	.020 X.110	.126	.256	.772	.433	.091	.197	.012	100	1000
11916	Blue	16-14	.032 X.110	.126	.256	.772	.433	.091	.197	.012	100	1000
11918	Blue	16-14	.020 X.187	.197	.252	.787	.433	.091	.197	.014	100	1000
11920	Blue	16-14	.032 X.187	.197	.252	.787	.433	.091	.197	.014	100	1000
11922	Blue	16-14	.020 X.205	.224	.228	.768	.433	.091	.197	.014	100	1000
11924	Blue	16-14	.032 X.250	.260	.295	.846	.433	.091	.197	.016	100	1000
11926	Yellow	12-10	.020 X.110	.126	.256	.866	.512	.134	.256	.014	100	1000
11928	Yellow	12-10	.032 X.110	.126	.256	.866	.512	.134	.256	.014	100	1000
11930	Yellow	12-10	.020 X.187	.197	.256	.866	.512	.134	.256	.014	100	1000
11932	Yellow	12-10	.032 X.187	.197	.256	.866	.512	.134	.256	.014	100	1000
11934	Yellow	12-10	.032 X.250	.260	.295	.925	.512	.134	.256	.016	100	1000

Disconnects
Terminals

H18

Nylon Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

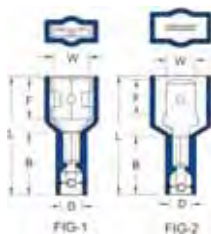
Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
11942	Red	22-16	.020 X.110	.110	.256	.768	.433	.067	.157	.020	100	1000
11944	Red	22-16	.032 X.110	.110	.256	.768	.433	.067	.157	.016	100	1000
11946	Red	22-16	.020 X.187	.189	.256	.768	.433	.067	.157	.020	100	1000
11948	Red	22-16	.032 X.187	.189	.264	.768	.433	.067	.157	.016	100	1000
11950	Red	22-16	.032 X.250	.250	.303	.866	.433	.067	.157	.016	100	1000
11952	Blue	16-14	.020 X.187	.189	.256	.787	.433	.091	.197	.020	100	1000
11954	Blue	16-14	.032 X.187	.189	.264	.787	.433	.091	.197	.020	100	1000
11956	Blue	16-14	.032 X.250	.250	.303	.874	.433	.091	.197	.016	100	1000
11958	Yellow	12-10	.032 X.250	.250	.303	.945	.512	.134	.256	.016	100	1000

Nylon Fully Insulated Disconnects - Male & Female



(25 Pack located on Page H2)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 300 Volts

INSULATION MATERIAL: Nylon

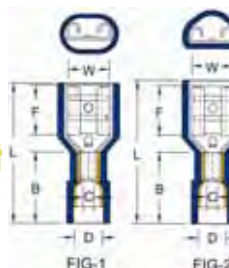
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat No.	Type	Color	Wire Size	Tab Size	W	F	L	B	C	D	T	Bag Qty	Master bag Qty
10411	Female	Red	22-16	.250 X .032	.260	.295	.866	.433	.067	.157	.032	100	1000
10412	Female	Blue	16-14	.250 X .032	.260	.295	.866	.433	.091	.177	.032	100	1000
10414	Female	Yellow	12-10	.250 X .032	.260	.295	.945	.512	.134	.248	.032	100	1000
10415	Male	Red	22-16	.250 X .032	.250	.303	.906	.433	.067	.157	.032	100	1000
10416	Male	Blue	16-14	.250 X .032	.250	.303	.945	.433	.091	.177	.032	100	1000
10418	Male	Yellow	12-10	.250 X .032	.250	.303	.984	.512	.134	.248	.032	100	1000

Nylon Fully Insulated Double Crimp Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

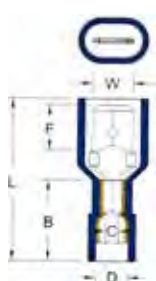
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	FIG.	Bag Qty	Master Bag Qty
11962	Red	22-16	.020 X.110	.126	.256	.768	.433	.067	.157	.012	1	100	1000
11964	Red	22-16	.032 X.110	.126	.256	.768	.433	.067	.157	.012	1	100	1000
11966	Red	22-16	.020 X.187	.197	.252	.795	.433	.067	.157	.014	2	100	1000
11968	Red	22-16	.032 X.187	.197	.252	.795	.433	.067	.157	.014	2	100	1000
11970	Red	22-16	.032 X.250	.260	.295	.846	.433	.067	.157	.016	1	100	1000
11972	Blue	16-14	.020 X.187	.197	.252	.795	.433	.091	.197	.014	2	100	1000
11974	Blue	16-14	.032 X.187	.197	.252	.795	.433	.091	.197	.014	2	100	1000
11976	Blue	16-14	.032 X.250	.260	.295	.846	.433	.091	.197	.016	1	100	1000
11978	Yellow	12-10	.032 X.250	.260	.295	.953	.512	.134	.256	.016	2	100	1000

Nylon Fully Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

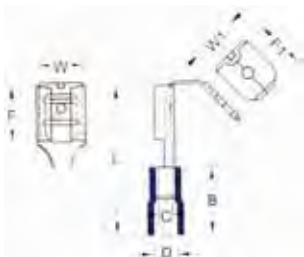
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
11980	Red	22-16	.020 X.187	.250	.256	.866	.433	.067	.157	.016	100	1000
11981	Red	22-16	.032 X.187	.250	.256	.866	.433	.067	.157	.016	100	1000
11982	Red	22-16	.032 X.250	.250	.303	.945	.433	.067	.157	.016	100	1000
11983	Blue	16-14	.020 X.187	.250	.256	.866	.433	.091	.197	.016	100	1000
11985	Blue	16-14	.032 X.187	.250	.256	.866	.433	.091	.197	.016	100	1000
11984	Blue	16-14	.032 X.250	.250	.303	.945	.433	.091	.197	.016	100	1000
11986	Yellow	12-10	.032 X.250	.250	.303	1.024	.512	.134	.256	.016	100	1000

Vinyl Insulated Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F(75°C) 300 Volts

INSULATION MATERIAL: Vinyl

TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

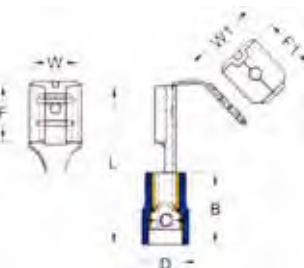
Dimensions = Inches

Cat No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty
12012	Red	22-16	.032 X.250	.260	.250	.315	.323	.866	.394	.067	.157	.016	100	1000
12014	Blue	16-14	.032 X.250	.260	.250	.315	.323	.866	.394	.091	.177	.016	100	1000
12016	Yellow	12-10	.032 X.250	.260	.250	.315	.323	.945	.512	.134	.217	.016	100	1000

Nylon Insulated Double Crimp Piggy Back Disconnects



H20



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

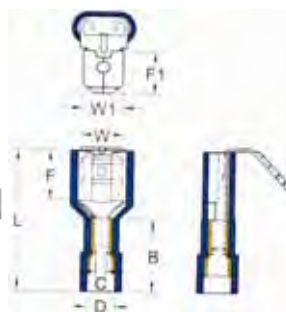
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty
12022	Red	22-16	.032 X.250	.260	.250	.315	.323	.906	.433	.067	.157	.016	100	1000
12024	Blue	16-14	.032 X.250	.260	.250	.315	.323	.906	.433	.091	.197	.016	100	1000
12026	Yellow	12-10	.032 X.250	.260	.250	.315	.323	.945	.512	.134	.256	.016	100	1000

Nylon Fully Insulated Double Crimp Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	W1	F	F1	L	B	C	D	T	Bag Qty	Master Bag Qty
12032	Red	22-16	.032 X.250	.260	.250	.315	.323	.846	.433	.067	.157	.016	100	1000
12034	Blue	16-14	.032 X.250	.260	.250	.315	.323	.846	.433	.091	.197	.016	100	1000



Fig 1

Fig 2

Fig 3

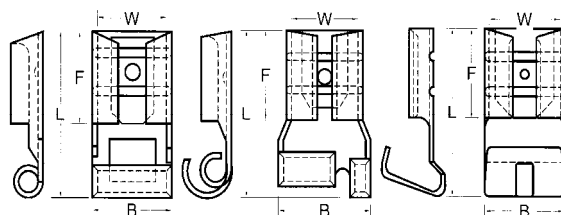


Fig 1

Fig 2

Fig 3

MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(150°C) 600V

TERMINAL MATERIAL: Electro-Tin Plated Brass

Dimensions = Inches

Cat. No.	Wire Size AWG	NEMA TAB	W	F	L	B	T	Fig	Bag Qty	Master Bag Qty
12412	22-18	.020 X.187	.197	.244	.445	.217	.016	1	100	1000
12414	22-18	.032 X.187	.197	.244	.445	.217	.016	1	100	1000
12416	22-18	.032 X.250	.260	.299	.551	.291	.016	1	100	1000
12418	22-18	.032 X.250	.260	.307	.591	.366	.018	2	100	1000
12420	16-14	.020 X.187	.197	.244	.457	.217	.016	1	100	1000
12422	16-14	.032 X.187	.197	.244	.457	.217	.016	1	100	1000
12424	16-14	.032 X.250	.260	.299	.551	.291	.016	1	100	1000
12426	16-14	.032 X.250	.260	.307	.591	.366	.018	2	100	1000
12428	12-10	.032 X.250	.260	.299	.571	.295	.018	3	100	1000

Nylon Insulated Flag Female Disconnects



Fig 1

Fig 2

Fig 3

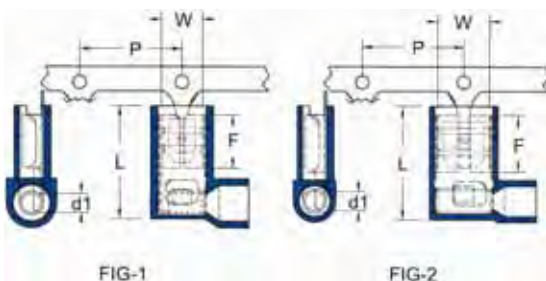


FIG-1

FIG-2

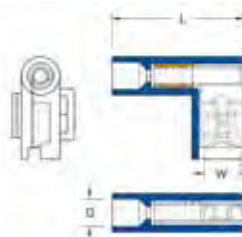


Fig 3

MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14
Amp	3	4	7	10	15

MAXIMUM ELECTRIC RATING: 221°F(105°C) 300 Volts

INSULATION MATERIAL: Nylon

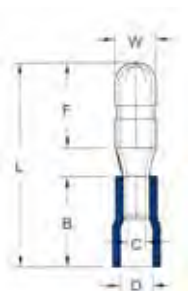
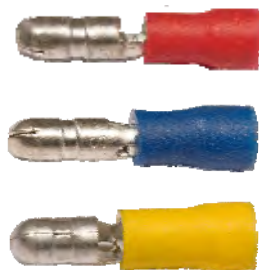
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	F	L	d1	D	Fig.	Bag Qty	Master Bag Qty
12432	Red	22-18	.020 X.187	.197	.276	.591	.063	-	1	100	1000
12434	Red	22-18	.032 X.187	.197	.276	.591	.063	-	1	100	1000
12436	Red	22-18	.032 X.250	.260	.299	.598	.063	-	1	100	1000
12438	Blue	16-14	.020 X.187	.197	.276	.598	.083	-	2	100	1000
12440	Blue	16-14	.032 X.187	.197	.276	.598	.083	-	2	100	1000
12442	Blue	16-14	.032 X.250	.260	.299	.598	.083	-	2	100	1000
12443	Yellow	12-10	.032 X.250	.260	.295	.906	-	.248	3	100	1000

Vinyl Insulated Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

INSULATION MATERIAL: Vinyl

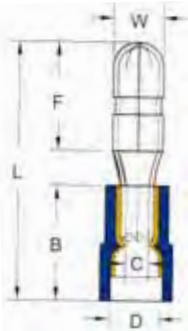
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
12042	Red	22-16	.157	.335	.827	.394	.067	.157	.016	100	1000
12044	Blue	16-14	.157	.335	.827	.394	.091	.177	.016	100	1000
12046	Blue	16-14	.197	.335	.827	.394	.091	.177	.016	100	1000
12048	Yellow	12-10	.197	.335	.925	.512	.134	.217	.016	100	1000

Nylon Insulated Double Crimp Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

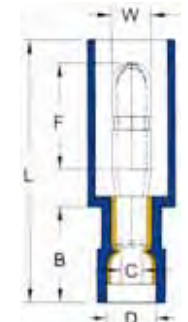
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
12052	Red	22-16	.157	.335	.866	.433	.067	.157	.016	100	1000
12054	Blue	16-14	.157	.335	.866	.433	.091	.197	.016	100	1000
12056	Blue	16-14	.197	.335	.866	.433	.091	.197	.016	100	1000
12058	Yellow	12-10	.197	.335	.925	.512	.134	.256	.016	100	1000

Nylon Fully Insulated Double Crimp Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

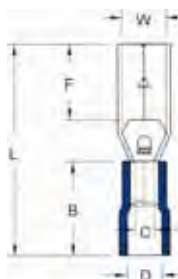
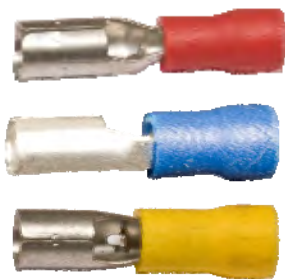
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
12062	Red	22-16	.157	.412	1.063	.394	.067	.157	.016	100	1000
12064	Blue	16-14	.157	.413	1.063	.394	.091	.177	.016	100	1000

Vinyl Insulated Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

INSULATION MATERIAL: Vinyl

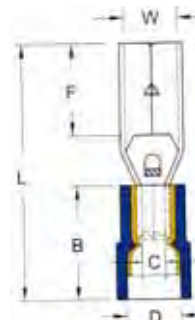
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
12072	Red	22-16	.154	.276	.846	.394	.067	.157	.016	100	1000
12074	Blue	16-14	.154	.276	.846	.394	.091	.177	.016	100	1000
12076	Blue	16-14	.193	.276	.846	.394	.091	.177	.016	100	1000
12078	Yellow	12-10	.193	.276	.965	.512	.134	.217	.018	100	1000

Nylon Insulated Double Crimp Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

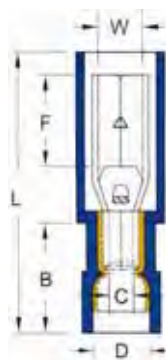
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
12082	Red	22-16	.154	.276	.886	.433	.067	.157	.016	100	1000
12084	Blue	16-14	.154	.276	.886	.433	.091	.197	.016	100	1000
12086	Blue	16-14	.193	.276	.886	.433	.091	.197	.016	100	1000
12088	Yellow	12-10	.193	.276	.965	.512	.134	.256	.018	100	1000

Nylon Fully Insulated Double Crimp Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

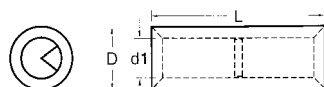
DOUBLE CRIMP: Extended Copper Sleeve for Multiple Crimps

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

Cat No.	Color	Wire Size AWG	W	F	L	B	C	D	T	Bag Qty	Master Bag Qty
12092	Red	22-16	.154	.276	.992	.433	.067	.157	.016	100	1000
12094	Blue	16-14	.154	.276	.992	.433	.091	.197	.016	100	1000
12096	Blue	16-14	.193	.276	1.063	.433	.091	.197	.016	100	1000

Non-Insulated Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	20	18	16	14	12	10	8	6	4
Amp	5.5	7	9	12	17	18	30	35	50	70	95	125

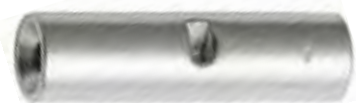
MAXIMUM ELECTRIC RATING: 221°F(150°C) 600V

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

Cat. No.	Wire Size AWG	L	D	d1	Bag Qty	Master Bag Qty
12102	26-22	.472	.083	.051	100	1000
12104	22-16	.591	.130	.067	100	1000
12106	16-14	.591	.154	.091	100	1000
12108	12-10	.591	.213	.134	100	1000
12110	8	.827	.276	.181	100	-
12112	6	1.024	.350	.232	100	-
12114	4	1.142	.445	.307	100	-
12115	2	1.260	.520	.374	100	-

Non-Insulated Reducing Butt Splice Connector



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	20	18	16	14	12	10	8	6	4
Amp	5.5	7	9	12	17	18	30	35	50	70	95	125

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

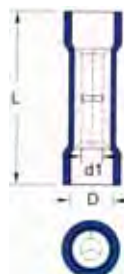
TERMINAL MATERIAL: Electro-Tin Plated Copper

Dimensions = Inches

Cat. No.	Wire Range AWG	L	D	d1	D2	Bag Qty	Master Bag Qty
12116	16-14 To 22-18	.591	.154	.067	.091	100	1000
12117	12-10 To 22-18	.787	.213	.067	.134	100	1000
12118	12-10 To 16-14	.787	.213	.091	.138	100	1000
12119	8 To 16-14	.827	.067	.091	.181	100	1000
12120	8 To 12-10	.827	.067	.138	.181	100	1000
12121	6 To 8	1.024	.351	.181	.232	100	1000

Vinyl Insulated Butt Splice Connectors

(25 Pack located on Page H1)



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10	8	6	4	2
Amp	9	12	17	18	30	35	50	70	95	125	170

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

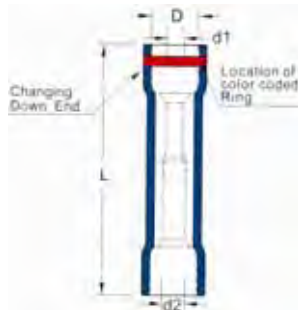
INSULATION MATERIAL: Vinyl

FEATURES: Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	L	D	d1	Material	Bag Qty	Master Bag Qty
10182	Red	22-16	.969	.157	.067	Copper Plate	100	1000
10184	Blue	16-14	.969	.177	.091	Copper Plate	100	1000
10186	Yellow	12-10	1.043	.248	.134	Copper Plate	100	1000
12128	Red	8	1.398	.335	.177	Tubular Copper	100	-
12130	Blue	6	1.772	.413	.232	Tubular Copper	100	-
12132	Yellow	4	2.067	.488	.307	Tubular Copper	100	-
12134	Red	2	2.165	.610	.374	Tubular Copper	100	-

Vinyl Insulated Reducing Butt Splice Connector



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F(75°C) 600 Volts

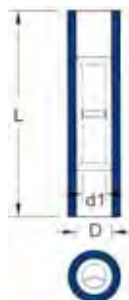
INSULATION MATERIAL: Vinyl

TERMINAL MATERIAL: Electro-Tin Plated Copper Brazed Seam

Dimensions = Inches

Cat. No.	Wire Range AWG	Color Code	L	D	d1	D2	Bag Qty	Master Bag Qty
12135	16-14 To 22-18	Blue with Red Ring	.965	.177	.067	.091	100	1000
12136	12-10 To 22-18	Yellow with Red Ring	1.22	.248	.067	.134	100	1000
12137	12-10 To 16-14	Yellow with Blue Ring	1.22	.248	.091	.134	100	1000
12138	8 To 16-14	Red with Blue Ring	1.406	.335	.091	.177	100	1000
12139	8 To 12-10	Red with Yellow Ring	1.406	.335	.134	.177	100	-
12140	6 To #8	Blue with Red Ring	1.172	.413	.177	.232	100	-

Nylon Insulated Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	20	18	16	14	12	10
Amp	5.5	7	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

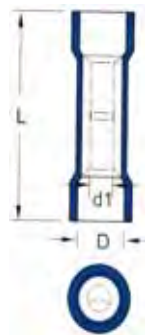
INSULATION MATERIAL: Nylon

FEATURES: Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	L	D	d1	Material	Bag Qty	Master Bag Qty
12142	Yellow	26-22	.787	.079	.051	Tubular Copper	100	1000
12144	Red	22-16	1.075	.126	.067	Copper Plate	100	1000
12146	Blue	16-14	1.075	.150	.091	Copper Plate	100	1000
12148	Yellow	12-10	1.075	.209	.134	Copper Plate	100	1000
12149	Red	8	1.457	.272	.181	Copper Plate	100	-

Nylon Insulated Butt Splice Connector Flared Entry



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	L	D	d1	Bag Qty	Master Bag Qty
12192	Red	22-16	.992	.157	.067	100	1000
12193	Blue	16-14	.992	.177	.091	100	1000
12194	Yellow	12-10	1.11	.248	.134	100	1000

Non-Insulated Parallel Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

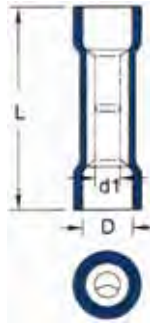
MAXIMUM ELECTRIC RATING: 221°F(150°C) 600V

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

Cat. No.	Wire Size AWG	L	D	D1	Bag Qty	Master Bag Qty
12151	26-22	.197	.083	.051	100	1000
12152	22-16	.315	.130	.067	100	1000
12154	16-14	.315	.154	.091	100	1000
12156	12-10	.335	.213	.134	100	1000
12157	8	.374	.276	.181	100	-
12158	6	.433	.350	.232	100	-
12159	4	.531	.445	.307	100	-
12160	2	.650	.520	.374	100	-

Vinyl Insulated Parallel Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

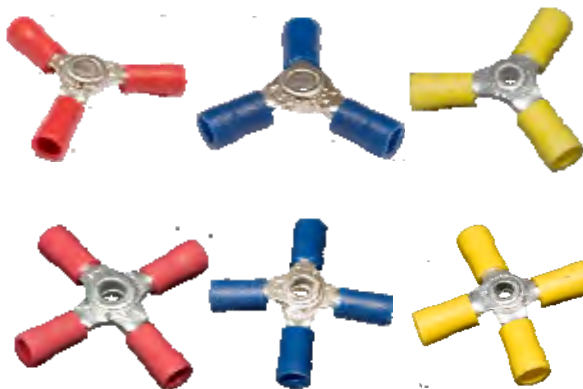
INSULATION MATERIAL: Vinyl

FEATURES: Expanded Insulation

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	L	D	d1	Bag Qty	Master Bag Qty
12162	Red	22-16	.650	.157	.067	100	1000
12164	Blue	16-14	.650	.177	.091	100	1000
12166	Yellow	12-10	.795	.248	.134	100	1000

Vinyl Insulated 3-Way & 4-Way Connectors



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

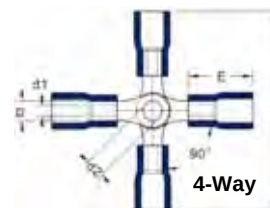
INSULATION MATERIAL: Vinyl

CONNECTOR MATERIAL: Electro-Tin Plated Copper

FEATURES: Expanded Insulation



3-Way

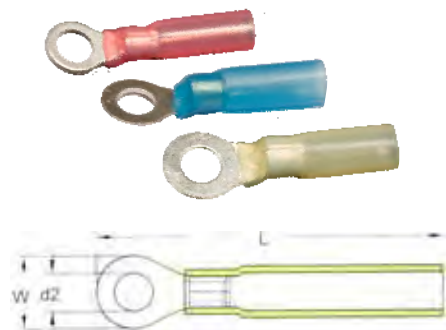


4-Way

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Stud Size	d2	L	D	E	d1	Bag Qty	Master Bag Qty
12172	Red 3-Way	22-16	#8	.157	.669	.157	.394	.067	100	1000
12174	Blue 3-Way	16-14	#8	.157	.709	.177	.394	.091	100	1000
12176	Yellow 3-Way	12-10	#8	.157	.866	.248	.512	.134	100	1000
12178	Red 4-Way	22-16	#8	.157	1.339	.157	.394	.067	100	1000
12180	Blue 4-Way	16-14	#8	.157	1.398	.177	.394	.091	100	1000
12182	Yellow 4-Way	12-10	#8	.157	1.713	.248	.512	.134	100	1000

Heat Shrinkable - Ring Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-10°C ~ 105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

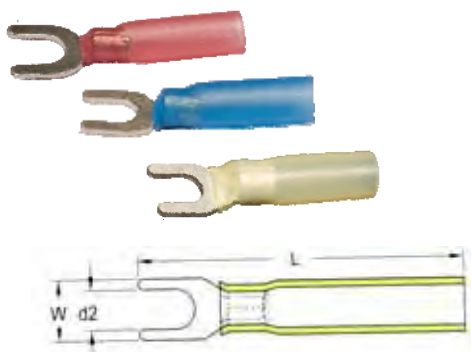
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Brazed Seam, Serrated Barrel

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	d2	W	L	Bag Qty	Master Bag Qty
12212	Red	22-16	#6	.217	.984	100	1000
12214	Red	22-16	#8	.315	1.122	100	1000
12216	Red	22-16	#10	.315	1.122	100	1000
12218	Red	22-16	1/4	.457	1.358	100	1000
12220	Red	22-16	5/16	.457	1.358	100	1000
12222	Red	22-16	3/8	.535	1.476	100	1000
12224	Blue	16-14	#6	.260	1.043	100	1000
12226	Blue	16-14	#8	.335	1.201	100	1000
12228	Blue	16-14	#10	.374	1.201	100	1000
12230	Blue	16-14	1/4	.472	1.398	100	1000
12232	Blue	16-14	5/16	.472	1.398	100	1000
12234	Blue	16-14	3/8	.535	1.476	100	1000
12236	Yellow	12-10	#8	.374	1.339	100	1000
12238	Yellow	12-10	#10	.472	1.476	100	1000
12240	Yellow	12-10	1/4	.591	1.654	100	1000
12242	Yellow	12-10	5/16	.591	1.654	100	1000
12244	Yellow	12-10	3/8	.756	1.831	100	1000
12246	Yellow	12-10	1/2	.756	1.831	100	1000
12250	Red	8	5/16	.591	1.693	100	-
12251	Red	8	3/8	.591	1.693	100	-

Heat Shrinkable - Spade Terminals



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-10°C ~ 105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

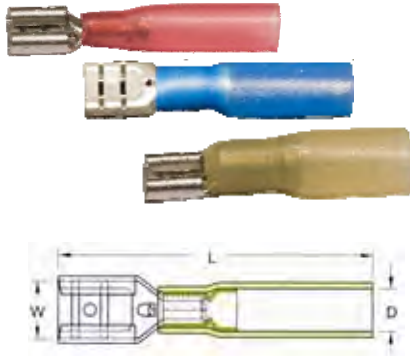
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Brazed Seam

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	d2	W	L	Bag Qty	Master Bag Qty
12252	Red	22-16	#6	.252	1.154	100	1000
12254	Red	22-16	#8	.283	1.165	100	1000
12256	Red	22-16	#10	.374	1.181	100	1000
12257	Blue	16-14	#4	.224	1.122	100	1000
12258	Blue	16-14	#6	.236	1.122	100	1000
12260	Blue	16-14	#8	.283	1.161	100	1000
12262	Blue	16-14	#10	.366	1.201	100	1000
12264	Yellow	12-10	#8	.354	1.319	100	1000
12266	Yellow	12-10	#10	.354	1.319	100	1000
12268	Yellow	12-10	1/4	.472	1.614	100	1000

Heat Shrinkable - Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

DOUBLE CRIMP: Extended Copper Sleeve

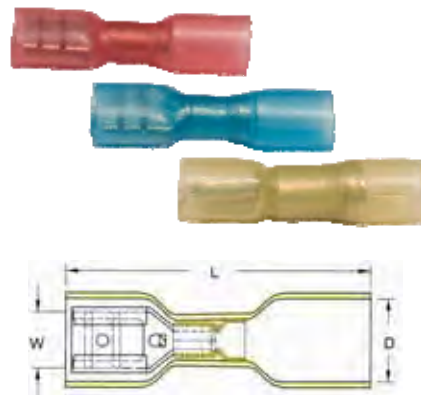
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Master Bag Qty
12272	Red	22-16	.032 X.250	.260	.217	1.339	100	1000
12274	Blue	16-14	.032 X.250	.260	.236	1.339	100	1000
12276	Yellow	12-10	.032 X.250	.260	.319	1.378	100	1000

Heat Shrinkable - Fully Insulated Female Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

DOUBLE CRIMP: Extended Copper Sleeve

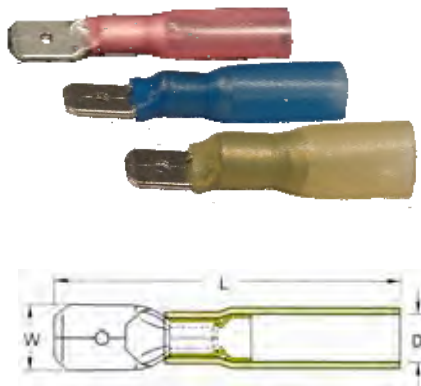
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Box Qty
12282	Red	22-16	.032 X.250	.260	.256	1.102	100	1000
12284	Blue	16-14	.032 X.250	.260	.256	1.102	100	1000
12286	Yellow	12-10	.032 X.250	.260	.295	1.102	100	1000

Heat Shrinkable - Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

DOUBLE CRIMP: Extended Copper Sleeve

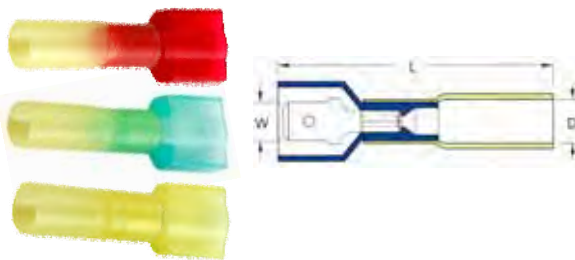
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	NEMA TAB	W	D	L	Bag Qty	Master Bag Qty
12292	Red	22-16	.032 X.250	.250	.217	1.339	100	1000
12294	Blue	16-14	.032 X.250	.250	.236	1.339	100	1000
12296	Yellow	12-10	.032 X.250	.250	.319	1.378	100	1000

Heat Shrinkable - Nylon Fully Insulated Male Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: -40°F ~ 221°F (-40°C ~ 105°C)

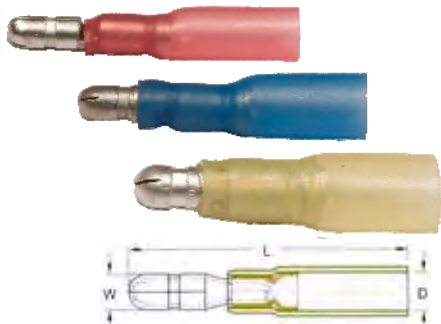
INSULATION MATERIAL: Nylon & High Density PE Heat Shrink

TERMINAL MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Tab Size	L	W	D	Bag Qty	Master Bag Qty
12277	Red	22-16	.032 x .250	1.516	.25	.256	100	1000
12278	Blue	16-14	.032 x .250	1.555	.25	.256	100	1000
12279	Yellow	12-10	.032 x .250	1.555	.26	.295	100	1000

Heat Shrinkable - Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-26°C ~ 105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

DOUBLE CRIMP: Extended Copper Sleeve

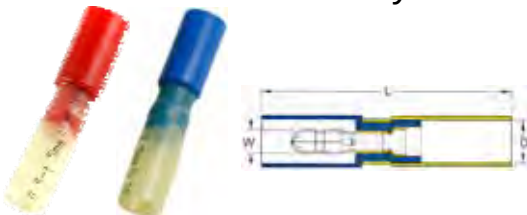
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	W	D	L	Bag Qty	Box Qty
12312	Red	22-16	.157	.217	1.299	100	1000
12314	Blue	16-14	.157	.236	1.299	100	1000
12316	Blue	16-14	.197	.236	1.299	100	1000
12318	Yellow	12-10	.197	.319	1.398	100	1000

Heat Shrinkable - Nylon Fully Insulated Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14
Amp	3	4	7	10	15

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 221°F(105°C)

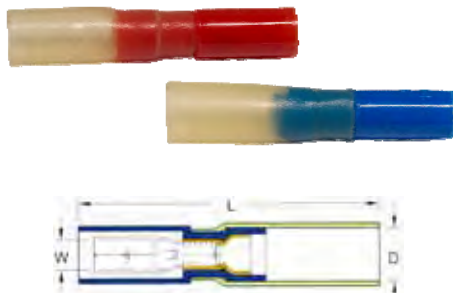
INSULATION MATERIAL: Nylon with High Density PE Heat Shrink

TERMINAL MATERIAL: Electro-Tin Plated Tubular Brass

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	Dia (W)	L	W	D	Bag Qty	Master Bag Qty
12319	Red	22-16	.157	1.654	.25	.256	100	1000
12320	Blue	16-14	.157	1.555	.25	.256	100	1000

Heat Shrinkable - Fully Insulated Receptacle Disconnects



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	3	4	7	10	15	20	24

MAXIMUM ELECTRIC RATING: 300 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F(-26°C ~ 105°C)

INSULATION MATERIAL: Nylon with High Density PE Heat Shrink

DOUBLE CRIMP: Extended Copper Sleeve

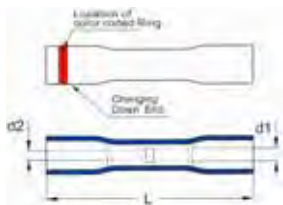
TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	W	D	L	Bag Qty	Master Bag Qty
12322	Red	22-16	.154	.256	1.594	100	1000
12324	Blue	16-14	.154	.295	1.594	100	1000

Heat Shrinkable - Nylon Reducing Butt Splice Connector



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 221°F(105°C)

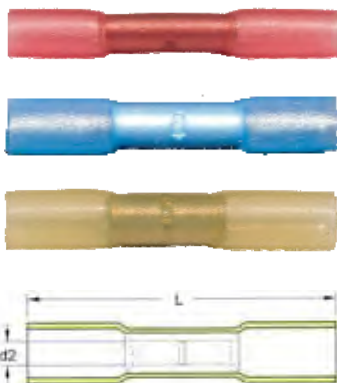
INSULATION MATERIAL: Nylon w/ High Density PE Heat Shrink

TERMINAL MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

Cat. No.	Wire Range AWG	Color Code	L	d1	d2	Bag Qty	Master Bag Qty
12340	16-14 To 22-18	Blue with Red Ring	1.417	.091	.087	100	1000
12341	12-10 To 16-14	Yellow with Blue Ring	1.614	.134	.091	100	1000
12342	8 To 16-14	Red with Blue Ring	1.909	.181	.091	100	1000
12343	8 To 12-10	Red with Yellow Ring	1.909	.181	.138	100	1000

Heat Shrinkable - Butt Splices



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 302°F(150°C)

RESISTANT TEMP: 14°F ~ 221°F (-26°C ~ 105°C)

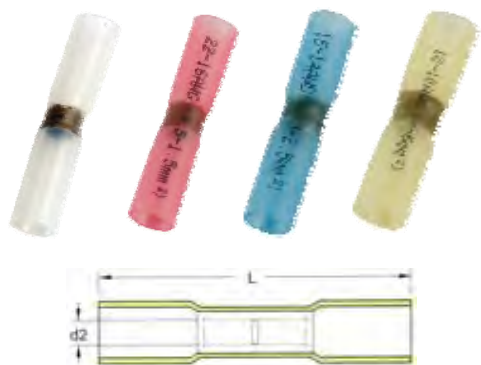
INSULATION MATERIAL: High Density PE Heat Shrink

TERMINAL MATERIAL: Electro Tin Plated Tubular Copper

Dimensions = Inches

Cat. No.	Color	Wire Size AWG	d2	L	Bag Qty	Master Bag Qty
12331	Clear	26-22	.051	1.138	100	1000
12332	Red	22-16	.067	1.417	100	1000
12334	Blue	16-14	.091	1.417	100	1000
12336	Yellow	12-10	.134	1.614	100	1000
12337	Red	8	.181	1.929	100	-

Heat Shrinkable - Parallel Splice Connector - Solder



MAXIMUM ELECTRIC CURRENT:

Awg	26	24	22	20	18	16	14	12	10
Amp	5.5	7	9	12	17	18	30	35	50

MAXIMUM ELECTRIC RATING: 600 Volts

SHRINK TEMP: 221°F(105°C)

INSULATION MATERIAL: High Density PE Heat Shrink

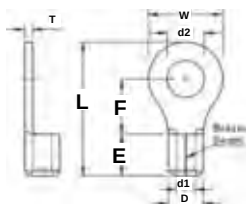
TERMINAL MATERIAL: Tubular Tin Solder

Note: This is a Solder (not crimp) termination

Dimensions = Inches

Cat. No.	Color Code	Wire Range AWG	L	d1	D	Bag Qty	Master Bag Qty
12345	Clear	26-22	.98	.098	.138	100	1000
12346	Red	22-16	1.46	.165	.217	100	1000
12347	Blue	16-14	1.46	.185	.252	100	1000
12348	Yellow	12-10	1.65	.236	.315	100	1000

High Temperature Ring Terminals

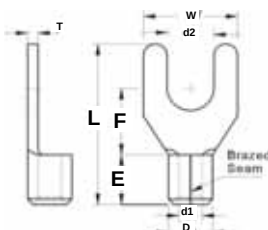


- ▶ Nickel Plated Steel
- ▶ Butted Seam
- ▶ Max Temp: 900°F(482°C)
- ▶ Applications Include: Electric space heaters, HVAC Controls, Industrial Automation, Commercial ovens and fryers, Industrial kilns

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Box Qty
12512	22-18	6	0.146	0.217	0.197	0.492	0.189	0.134	0.067	0.030	100	1000
12516	16-14	6	0.146	0.260	0.189	0.504	0.189	0.161	0.091	0.031	100	1000
12518	16-14	10	0.209	0.335	0.291	0.65	0.189	0.161	0.091	0.031	100	1000
12520	16-14	1/4	0.252	0.472	0.433	0.858	0.189	0.161	0.091	0.031	100	1000
12522	12-10	10	0.209	0.472	0.413	0.886	0.236	0.220	0.134	0.039	100	1000
12523	12-10	1/4	0.252	0.472	0.413	0.886	0.236	0.220	0.134	0.039	100	1000
12524	8	1/4	0.252	0.472	0.366	0.917	0.335	0.283	0.177	0.047	100	-

High Temperature Fork/Spade Terminals

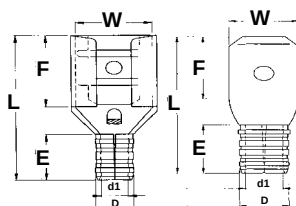


- ▶ Nickel Plated Steel
- ▶ Butted Seam
- ▶ Max Temp: 900°F(482°C)
- ▶ Applications Include: Electric space heaters, HVAC Controls, Industrial Automation, Commercial ovens and fryers, Industrial kilns

Dimensions = Inches

Cat. No.	Wire Size AWG	Stud Size	d2	W	F	L	E	D	d1	T	Bag Qty	Master Box Qty
12530	22-18	10	0.209	0.319	0.256	0.63	0.189	0.134	0.067	0.030	100	1000
12532	16-14	10	0.209	0.319	0.256	0.63	0.189	0.161	0.091	0.031	100	1000
12534	12-10	10	0.209	0.354	0.276	0.72	0.236	0.22	0.134	0.039	100	1000

High Temperature Disconnects

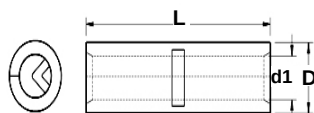


- ▶ Nickel Plated Steel
- ▶ Butted Seam
- ▶ Max Temp: 900°F(482°C)
- ▶ Applications Include: Electric space heaters, HVAC Controls, Industrial Automation, Commercial ovens and fryers, Industrial kilns

Dimensions = Inches

Cat. No.	Wire Size AWG	Tab Size	Type	W	F	L	E	D	d1	Wall Thickness	Bag Qty	Master Box Qty
12542	16-14	.187 x .020	Female	.199	.248	.543	.189	.130	.091	.014	100	1000
12544	16-14	.250 x .032	Female	.260	.295	.598	.189	.130	.091	.016	100	1000
12546	16-14	.250 x .032	Male	.250	.307	.740	.252	.161	.091	.031	100	1000

High Temperature Butt Splices



- ▶ Nickel Plated Steel
- ▶ Butted Seam
- ▶ Max Temp: 900°F(482°C)
- ▶ Applications Include: Electric space heaters, HVAC Controls, Industrial Automation, Commercial ovens and fryers, Industrial kilns

Dimensions = Inches

Cat. No.	Wire Size AWG	L	D	d1	Wall Thickness	Bag Qty	Master Box Qty
12536	22-18	0.591	0.130	0.067	0.028	100	1000
12538	16-14	0.591	0.154	0.091	0.028	100	1000
12540	12-10	0.591	0.213	0.134	0.035	100	1000

Nylon Insulated Ferrules - DIN Standard



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

TERMINAL MATERIAL:

Electro-Tin Plated Tubular Copper

INSULATION MATERIAL: Nylon Insulation

FEATURES: Flared Barrel, Expanded Insulation

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600V

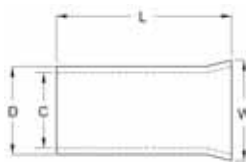
COLOR CODE: DIN Standard

Dimensions = Inches

Cat. No.	Wire Size AWG	Color	L	W	D	C	Bag Qty	Master Bag Qty
12702	26	Yellow	.409	.075	.043	.031	100	1000
12704	26	Yellow	.488	.075	.043	.031	100	1000
12706	24	Turquoise	.409	.075	.043	.031	100	1000
12708	24	Turquoise	.488	.075	.043	.031	100	1000
12710	22	White	.472	.102	.051	.039	100	1000
12712	22	White	.551	.102	.051	.039	100	1000
12714	22	White	.630	.102	.051	.039	100	1000
12716	20	Grey	.472	.110	.059	.047	100	1000
12718	20	Grey	.551	.110	.059	.047	100	1000
12720	20	Grey	.630	.110	.059	.047	100	1000
12722	20	Grey	.709	.110	.059	.047	100	1000
12724	18	Red	.472	.118	.067	.055	100	1000
12726	18	Red	.551	.118	.067	.055	100	1000
12728	18	Red	.630	.118	.067	.055	100	1000
12730	18	Red	.709	.118	.067	.055	100	1000
12732	16	Black	.551	.138	.079	.067	100	1000
12734	16	Black	.630	.138	.079	.067	100	1000
12736	16	Black	.709	.138	.079	.067	100	1000
12738	16	Black	.945	.138	.079	.067	100	1000
12740	14	Blue	.551	.165	.098	.087	100	1000
12742	14	Blue	.709	.165	.098	.087	100	1000
12746	14	Blue	.945	.165	.098	.087	100	1000
12748	12	Grey	.669	.189	.126	.110	100	1000
12750	12	Grey	.787	.189	.126	.110	100	1000
12752	12	Grey	1.024	.189	.126	.110	100	1000
12754	10	Yellow	.787	.248	.154	.138	100	1000
12756	10	Yellow	1.024	.248	.154	.138	100	1000
12758	8	Red	.886	.299	.193	.177	100	-
12760	8	Red	1.102	.299	.193	.177	100	-
12762	6	Blue	.945	.524	.236	.220	100	-
12764	6	Blue	1.102	.524	.236	.220	100	-
12766	4	Yellow	1.102	.441	.303	.287	100	-
12768	4	Yellow	1.181	.441	.303	.287	100	-
12770	4	Yellow	1.417	.441	.303	.287	100	-
12772	2	Red	1.181	.500	.343	.327	100	-
12774	2	Red	1.245	.500	.343	.327	100	-
12776	2	Red	1.535	.500	.343	.327	100	-

Ferrules
Terminals

H32



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

TERMINAL MATERIAL:

Electro-Tin Plated Tubular Copper No Insulation

FEATURES: Flared Barrel

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600V

COLOR CODE: N/A

Dimensions = Inches

Cat. No.	Wire Size AWG	L	W	D	C	Bag Qty	Master Bag Qty
12802	26	.236	.059	.043	.031	100	1000
12804	26	.276	.059	.043	.031	100	1000
12806	24	.236	.059	.043	.031	100	1000
12808	24	.315	.059	.043	.031	100	1000
12810	22	.236	.067	.051	.039	100	1000
12812	22	.315	.067	.051	.039	100	1000
12814	22	.394	.067	.051	.039	100	1000
12816	20	.236	.075	.059	.047	100	1000
12818	20	.315	.075	.059	.047	100	1000
12820	20	.394	.075	.059	.047	100	1000
12822	20	.472	.075	.059	.047	100	1000
12824	18	.315	.087	.067	.055	100	1000
12826	18	.394	.087	.067	.055	100	1000
12828	18	.472	.087	.067	.055	100	1000
12830	16	.276	.098	.079	.067	100	1000
12832	16	.315	.098	.079	.067	100	1000
12834	16	.394	.098	.079	.067	100	1000
12836	16	.472	.098	.079	.067	100	1000
12838	16	.591	.098	.079	.067	100	1000
12840	16	.709	.098	.079	.067	100	1000
12842	14	.276	.130	.102	.091	100	1000
12844	14	.394	.130	.102	.091	100	1000
12846	14	.472	.130	.102	.091	100	1000
12848	14	.591	.130	.102	.091	100	1000
12850	14	.709	.130	.102	.091	100	1000
12852	12	.354	.154	.126	.110	100	1000
12854	12	.472	.154	.126	.110	100	1000
12856	12	.591	.154	.126	.110	100	1000
12858	12	.709	.154	.126	.110	100	1000
12860	10	.394	.185	.154	.138	100	1000
12862	10	.472	.185	.154	.138	100	1000
12864	10	.591	.185	.154	.138	100	1000
12866	10	.709	.185	.154	.138	100	1000
12868	10	.787	.185	.154	.138	100	1000
12870	8	.472	.228	.193	.177	100	-
12872	8	.591	.228	.193	.177	100	-
12874	8	.709	.228	.193	.177	100	-
12876	8	.787	.228	.193	.177	100	-
12878	6	.472	.283	.244	.228	100	-
12880	6	.591	.283	.244	.228	100	-
12882	6	.709	.283	.244	.228	100	-
12884	6	.787	.283	.244	.228	100	-
12886	6	.984	.283	.244	.228	100	-
12888	6	1.260	.283	.244	.228	100	-
12890	4	.591	.358	.311	.295	100	-
12892	4	.709	.358	.311	.295	100	-
12894	4	.984	.358	.311	.295	100	-
12896	4	1.260	.358	.311	.295	100	-
12898	2	.709	.402	.343	.327	100	-
12900	2	.984	.402	.343	.327	100	-
12902	2	1.260	.402	.343	.327	100	-
12904	1/0	.709	.500	.429	.406	100	-
12906	1/0	.866	.500	.429	.406	100	-
12908	1/0	1.260	.500	.429	.406	100	-

Nylon Twin Insulated Ferrules 2 Wire - DIN Standard



MAXIMUM ELECTRIC CURRENT:

Awg	22	20	18	16	14	12	10
Amp	9	12	17	18	30	35	50

TERMINAL MATERIAL:

Electro-Tin Plated Tubular Copper

INSULATION MATERIAL: Nylon Insulation

FEATURES: 2 Wire Flared Barrel, Expanded Insulation

MAXIMUM ELECTRIC RATING: 221°F(105°C) 600V

COLOR CODE: DIN Standard

Dimensions = Inches

Cat. No.	Wire Size AWG	Color	L	W	D	C	Bag Qty	Master Bag Qty
12780	22	White	.517	.197	.071	.059	100	1000
12781	20	Grey	.579	.217	.083	.071	100	1000
12782	20	Grey	.657	.217	.083	.071	100	1000
12783	18	Red	.594	.217	.094	.083	100	1000
12784	18	Red	.673	.217	.094	.083	100	1000
12785	16	Black	.610	.252	.102	.091	100	1000
12786	16	Black	.788	.252	.102	.091	100	1000
12787	14	Blue	.728	.315	.130	.114	100	1000
12788	14	Blue	.846	.315	.130	.114	100	1000
12789	12	Grey	.909	.346	.165	.150	100	1000
12790	10	Yellow	1.028	.374	.209	.193	100	1000
12791	8	Red	1.047	.496	.272	.256	100	1000
12792	6	Blue	1.232	.748	.343	.327	100	1000

Alligator Test Clips



Figure 1
Molded Handle
Screw Type



Figure 2
Flexible Vinyl Molded Insulator
Crimp Type



Figure 3
Flexible Vinyl Molded Insulator
Crimp Type

► Versatile Steel Clips - Rated: 10 Amp - Nickel Plated - Precision Mesh Jaws

Dimensions = Inches

Cat. No.	Color	Fig	Clip Length	Clip Width	Jaw Opening	Bag Qty	Master Bag Qty
17320	Red	1	2-1/4"	3/16"	3/8"	10	100
17330	Black	1	2-1/4"	3/16"	3/8"	10	100
17335	Red	2	2"	3/16"	7/16"	10	100
17337	Black	2	2"	3/16"	7/16"	10	100
17340	Red	3	2"	7/16"	1/2"	10	100
17350	Black	3	2"	7/16"	1/2"	10	100

Insulated Battery Clamps



- For battery, battery charger and testing equipment applications
- Handle grips are insulated and color-coded for easy identification
- Steel material, crimp/solder wire attachment

Dimensions = Inches

Cat. No.	Color	Amps	Clip Length	Clip Width	Jaw Opening	Bag Qty	Master Bag Qty
17352	Red	10	2-1/2"	3/8"	11/16"	2	10
17354	Black	10	2-1/2"	3/8"	11/16"	2	10
17362	Red	50	4"	1/2"	1-3/8"	2	10
17364	Black	50	4"	1/2"	1-3/8"	2	10



Cable Ties & Wire Management

Nylon Cable Ties

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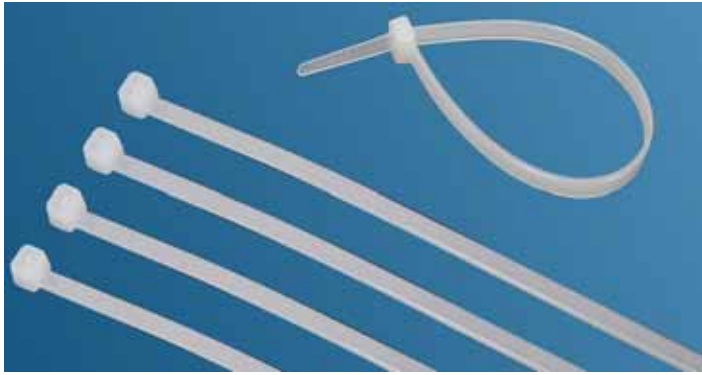
Wire Management

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Fire Stop & Silicone Sealant

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Nylon Cable Ties



- ▶ Made from UL approved Nylon 6/6
- ▶ Normal service temperature range -40° to 185°F (-40° to 85°C)
- ▶ Flammability rating UL94V-2
- ▶ 20087 & 20089 UL181b-C listed for use with UL non-metallic air ducts & air connectors

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Maximum Bundle Diameter	Bag Qty	Master Bag Qty
20012	18	3	.094	.71	100	1000
20014	18	4	.098	.99	100	1000
20016	18	4-3/4	.098	1.18	100	1000
20018	18	6	.098	1.38	100	1000
20020	18	6-1/2	.098	1.73	100	1000
20022	18	8	.098	2.17	100	1000
20032	40	4-3/4	.125	1.18	100	1000
20034	40	6	.140	1.54	100	1000
20036	40	8	.125	2.17	100	1000
20038	40	10	.140	2.91	100	1000
20040	40	11-3/4	.140	3.35	100	1000
20052	50	7	.156	1.93	100	1000
20054	50	8	.179	2.17	100	1000
20056	50	11	.187	3.19	100	1000
20058	50	14 1/2	.187	4.02	100	1000
20060	50	17	.187	4.92	100	100
20072	120	8	.296	2.17	100	100
20074	120	11-3/4	.296	3.19	100	100
20076	120	15	.296	4.33	100	100
20082	175	18	.312	5.24	100	100
20084	175	21-5/8	.312	6.54	100	100
20085	175	24	.351	7.28	100	100
20086	175	30	.351	9.29	100	100
20087	175	36	.351	10.63	100	100
20088	175	46	.351	14.17	100	100
20089	175	48	.351	14.96	100	100
20092	250	11	.500	3.19	100	100
20094	250	21	.500	6.54	100	100
20096	250	28-3/4	.500	8.86	100	100
20098	250	40	.500	12.48	100	100

Nylon Cable Ties - 1000 Piece Bulk Pack



Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Maximum Bundle Diameter	Bag Qty
20112	18	4	.098	.87	1000
20118	40	6	.014	1.42	1000
20120	40	8	.126	2.09	1000
20122	40	11-3/4	.142	3.23	1000
20124	50	7	.142	1.81	1000
20126	50	8	.181	2.05	1000
20128	50	11	.189	3.03	1000
20130	50	14-1/2	.189	4.13	1000

Ultraviolet Black Nylon Cable Ties



- ▶ Carbonate 'A' added for greater resistance to Ultra Violet in outdoor usage
- ▶ Made from UL approved Nylon 6/6
- ▶ Normal service temperature range -40° to 185°F (-40° to 85°C)
- ▶ Flammability rating UL94V-2

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Maximum Bundle Diameter	Bag Qty	Master Bag Qty
20212	18	3	.094	.71	100	1000
20214	18	4	.098	.99	100	1000
20216	18	4-3/4	.098	1.18	100	1000
20218	18	6	.098	1.38	100	1000
20220	18	6-1/2	.098	1.73	100	1000
20222	18	8	.098	2.17	100	1000
20232	40	4-3/4	.125	1.18	100	1000
20234	40	6	.140	1.54	100	1000
20236	40	8	.125	2.17	100	1000
20238	40	10	.140	2.91	100	1000
20240	40	11-3/4	.140	3.35	100	1000
20252	50	7	.156	1.93	100	1000
20254	50	8	.179	2.17	100	1000
20256	50	11	.187	3.19	100	1000
20258	50	14-1/2	.187	4.02	100	1000
20260	50	17	.187	4.92	100	100
20272	120	8	.296	2.17	100	100
20274	120	11-3/4	.296	3.19	100	100
20276	120	15	.296	4.33	100	100
20282	175	18	.312	5.24	100	100
20284	175	21-5/8	.312	6.54	100	100
20285	175	24	.351	7.28	100	100
20286	175	30	.351	9.29	100	100
20287	175	36	.351	10.63	100	100
20288	175	46	.351	14.17	100	100
20289	175	48	.351	14.96	100	100
20292	250	11	.500	3.19	100	100
20294	250	21-5/8	.500	6.54	100	100
20296	250	28-1/2	.500	8.86	100	100
20298	250	40	.500	12.48	100	100

Ultraviolet Black Nylon Cable Ties - 1000 Piece Bulk Pack



Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Maximum Bundle Diameter	Bag Qty
20152	18	4	.098	.87	1000
20158	40	6	.014	1.42	1000
20160	40	8	.126	2.09	1000
20162	40	11-3/4	.142	3.23	1000
20164	50	7	.142	1.81	1000
20166	50	8	.181	2.05	1000
20168	50	11	.189	3.03	1000
20170	50	14-1/2	.189	4.13	1000

Nylon Cable Ties - Stainless Steel Pawl



- ▶ Made from UL approved Nylon 6/6
- ▶ Stainless Steel Locking Pawl Molded into Head for Higher Load Bearing & Tensile Strength Characteristics
- ▶ Bent, Ribbed & Contoured Tip for Ease of Insertion & Low Insertion Force
- ▶ Raised Central Spine of Tie Allows for both Infinite Adjustability and Increased Strength
- ▶ Normal Service Temperature Range:
- ▶ -40°F to 185°F (-40°C to 85°C)
- ▶ Flammability Rating: UL94 V-2
- ▶ Packed in Sealed Plastic Bags
- ▶ Mil Spec MIL-C-23190

Natural - Stainless Steel Pawl

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Bag Qty
20712	40	4	.098	0.94	100
20714	40	8	.098	2.16	100
20716	60	5-1/2	.137	1.40	100
20718	60	8	.137	2.10	100
20720	60	11	.137	3.10	100
20722	88	8	.177	2.00	100
20724	88	11	.177	3.00	100
20726	88	14	.177	3.90	100
20728	175	14	.290	3.97	50

Ultraviolet Black - Stainless Steel Pawl

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Bag Qty
20732	40	4	.098	0.71	100
20734	40	8	.098	0.99	100
20736	60	5-1/2	.137	1.18	100
20738	60	8	.137	1.38	100
20740	60	11	.137	1.73	100
20742	88	8	.177	2.00	100
20744	88	11	.177	1.18	100
20746	88	14	.177	1.54	100
20748	175	14	.290	2.17	50

Stainless Steel Ties



- ▶ Made of 304 Stainless Steel
- ▶ Ideally Suited for Hazardous Environments & Heavy Loads
- ▶ Roller-Ball design allows Low Insertion Force
- ▶ Self Locking for fast and easy installation
- ▶ Smooth Rounded Edges will not damage wires
- ▶ Can install by hand or with tool
- ▶ Normal Operating Temperature:
- ▶ -112°F to 1000°F (-80°C to 538°C)
- ▶ Non-Magnetic, UV resistant & fireproof

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Thickness	Maximum Bundle Diameter	Bag Qty	Master Bag Qty
20912	200	5.0	.18	.01	1.0	100	1000
20914	200	7.9	.18	.01	2.0	100	1000
20916	200	10.5	.18	.01	2.7	100	1000
20918	200	14.2	.18	.01	4.0	100	1000
20920	200	20.4	.18	.01	6.0	100	-
20922	200	26.8	.18	.01	8.0	100	-
20924	200	33.0	.18	.01	10.0	100	-
20930	350	6.0	.31	.01	1.0	100	1000
20932	350	7.9	.31	.01	2.0	100	1000
20934	350	10.5	.31	.01	2.7	100	1000
20936	350	14.2	.31	.01	4.0	100	1000
20938	350	20.4	.31	.01	6.0	100	-
20940	350	26.8	.31	.01	8.0	100	-
20942	350	33.0	.31	.01	10.0	100	-

Colored Nylon Cable Ties



- ▶ Made from UL approved Nylon 6/6
- ▶ Normal Service Temperature Range: -40° to 185°F (-40° to 85°C)
- ▶ Flammability Rating: UL94V-2
- ▶ 50Lb. Tensile Strength
- ▶ Packed in Sealed Plastic Bags

50Lb. 8" Length .179" Width

Cat. No.	Color	Bag Qty	Master Bag Qty
20611	Red	100	1000
20613	Yellow	100	1000
20614	Green	100	1000
20615	Blue	100	1000
20616	Brown	100	1000
20617	Orange	100	1000
20618	Gray	100	1000
20619	Purple	100	1000
20623	Fluorescent Yellow	100	1000
20624	Fluorescent Green	100	1000
20625	Fluorescent Blue	100	1000
20626	Fluorescent Pink	100	1000
20627	Fluorescent Orange	100	1000

50Lb. 11" Length .187" Width

Cat. No.	Color	Bag Qty	Master Bag Qty
20631	Red	100	1000
20633	Yellow	100	1000
20634	Green	100	1000
20635	Blue	100	1000
20637	Orange	100	1000
20638	Gray	100	1000

Releasable Nylon Cable Ties



- ▶ Releasable Cable Ties remain securely locked until intentionally released by operating the raised finger catch
- ▶ Good for temporary fastening when anticipating moves, adds & changes
- ▶ Made from UL approved Nylon 6/6
- ▶ Normal Service Temperature Range: -40° to 185°F (-40° to 85°C)
- ▶ Flammability rating UL94V-2

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Bag Qty	Master Bag Qty
NATURAL COLOR						
20412	50	6-1/4	.183	1.56	100	1000
20414	50	8	.183	2.17	100	1000
20418	50	12	.187	3.46	100	100
20420	50	14 1/2	.187	4.02	100	100
ULTRAVIOLET BLACK						
20422	50	6-1/4	.183	1.56	100	1000
20424	50	8	.183	2.17	100	1000
20428	50	12	.187	3.46	100	100
20430	50	14 1/2	.187	4.02	100	100

Mounting Nylon Cable Ties



- Use the screw eye to position and secure bundled harnesses with screws, bolts or rivets
- Fasten bundles, hoses, ducts, etc. to panels or other surfaces
- Accepts #10 Screw
- Made from UL approved Nylon 6/6
- Normal Service Temperature Range: -40°F to 185°F (-40°C to 85°C)
- Flammability Rating: UL94V-2

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Mtg Hole Dia.	Bag Qty	Master Bag Qty
NATURAL COLOR							
20312	25	3-7/8	.098	.98	1/8"	100	1000
20314	40	6	.144	1.54	3/16"	100	1000
20316	50	8	.164	2.17	3/16"	100	1000
20317	50	12	.187	3.35	1/4"	100	1000
20318	50	14-1/2	.187	4.02	3/16"	100	100
20320	120	15-3/4	.308	4.80	1/4"	100	100
ULTRAVIOLET BLACK							
20332	25	3-7/8	.098	.98	1/8"	100	1000
20334	40	6	.144	1.54	3/16"	100	1000
20336	50	8	.164	2.17	3/16"	100	1000
20337	50	12	.1889	3.35	1/4"	100	1000
20338	50	14-1/2	.187	4.02	3/16"	100	100
20340	120	15-3/4	.308	4.80	1/4"	100	100

In-line Nylon Cable Ties



- Flat head, low profile design for parallel entry of the tie into the head
- Fixed and flexible two-wedge design provides a low threading force
- Made from UL approved Nylon 6/6
- Temperature Rating: -40°F to 185°F (-40°C to 85°C)
- Flammability Rating: UL 94V-2

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Color	Bag Qty	Master Bag Qty
20378	50	10-1/8	.354	2.91	Natural	100	1000
20379	50	15-1/2	.354	4.61	Natural	100	1000
20380	50	10-1/8	.354	2.91	Black	100	1000
20381	50	15-1/2	.354	4.61	Black	100	1000

Cable Marker Plates



- Used to mark cable bundles for permanent identification
- Installed using standard nylon tie wraps
- A fine tip permanent marker is recommended for markings
- Manufactured using natural colored nylon 6/6

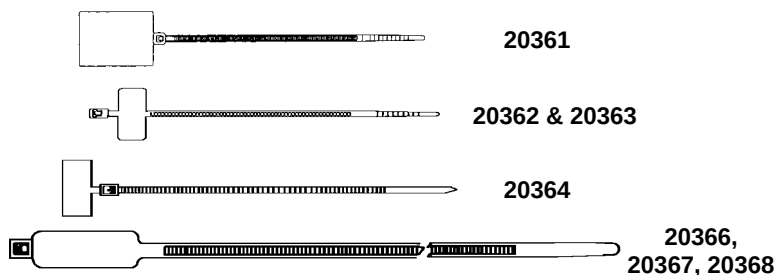
Dimensions = Inches

Cat. No	Length	Width	Bag Qty	Master Bag Qty
20382	1.00	0.60	10	100
20384	1.70	0.80	10	100
20386	2.40	1.00	10	100
20388	2.50	2.00	10	100
20389	3.54	0.75	10	100

Marker Nylon Cable Ties



- Identification ties & plates combine the ease of using a cable tie with the permanent identification of your product



Dimensions = Inches

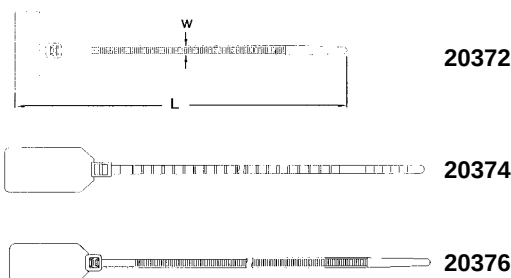
Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Marker Size	Bag Qty	Master Bag Qty
20361	18	5-1/8	.098	.98	.79 x 1.10	100	1000
20362	18	4	.098	.98	.31 x .98	100	1000
20363	18	7-7/8	.098	1.97	.59 x 1.18	100	1000
20364	18	4-1/4	.098	.98	.31 x .98	100	1000
20366	50	7-1/2	.179	1.97	.51 x 1.10	100	1000
20367	50	10-5/8	.179	2.95	.51 x 1.10	100	1000
20368	50	14-1/2	.189	4.13	2.15 x .51	100	1000

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Security Nylon Ties



- For the purpose of identification
- Made from UL approved Nylon 6/6, 94V-2



Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Marking Pad Dim.	Bag Qty	Master Bag Qty
20372	11	4-1/2"	0.10"	0.79"	0.31" x 1.09"	100	1000
20374	22	9-3/4"	0.14"	1.97"	1.42" x 0.75"	100	1000
20376	55	15-3/4"	0.19"	4.02"	1.44" x 0.75"	100	—

Bead Ties



- Beaded design keeps wires from shifting or slipping
- Easy to install and release
- Made from UL approved Nylon 6/6
- Temperature Rating: -40°F to 185°F (-40°C to 85°C)
- Flammability Rating: UL 94V-2

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs.)	Length	Width	Max Bundle Dia.	Bag Qty
20377	11	5-3/8	.071	1.38	1000

250 Piece Assortment Pack - Nylon Cable Ties



- ▶ Made from UL approved Nylon 6/6
- ▶ Normal Service Temperature Range: -40°F to 185°F (-40°C to 85°C)
- ▶ Flammability rating UL94V-2
- ▶ Packed in Sealed Plastic Bags

Contains the following:

Dimensions = Inches

Quantity	Product Number	Tensile(Lbs) Strength	Length (Inches)
25 Ties	20014	18	4
50 Ties	20034	40	6
100 Ties	20054	50	8
50 Ties	20056	50	11
25 Ties	20058	50	14-1/2

Cat. No.	Number Of Ties
20300	250

650 Piece Canister Pack - Nylon Cable Ties



- ▶ Made from UL approved Nylon 6/6
- ▶ Normal Service Temperature Range: -40°F to 185°F (-40°C to 85°C)
- ▶ Flammability rating: UL94V-2
- ▶ Packed in Canister

Contains the following:

Dimensions = Inches

Qty	Product Number	Tensile(Lbs) Strength	Length (Inches)
100 Ties	20014 Natural	18	4
50 Ties	20014 Red	18	4
50 Ties	20014 Blue	18	4
50 Ties	20014 Green	18	4
50 Ties	20014 Yellow	18	4
300 Ties	20054 Natural	50	8
50 Ties	20056 Natural	50	11

Cat. No.	Canisters/Case
20302	12

Air Handling Cable Ties For Plenum Areas



- ▶ Meets UL 2043 for use in air handling spaces
- ▶ Generates low smoke & offers low heat release
- ▶ Burgundy Color
- ▶ 50 Lb. Tensile strength

Dimensions = Inches

Cat. No.	Tensil Strength (Lbs.)	Length	Width	Max Bundle Dia.	Bag Qty	Case Qty
20982	50	8.0"	.19"	2.0"	100	5000
20984	50	11.8"	.19"	3.0"	100	5000
20986	50	14.8"	.19"	4.0"	100	5000

Heat Stabilized Nylon Cable Ties



- For High Temperature Applications up to 221°F
- One-Piece Construction
- Made from UL approved Nylon 6/6
- Flammability Rating: UL 94V-2
- Temperature Rating: -40°F to 221°F

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs)	Length	Width	Max Bundle Dia	Bag Qty	Master Bag Qty
20802	18	4	.077	.87	100	1000
20804	50	8	.126	2.09	100	1000
20806	50	11	.189	3.03	100	1000
20808	50	14 1/2	.189	4.13	100	1000

Flame Retardant Nylon Cable Ties

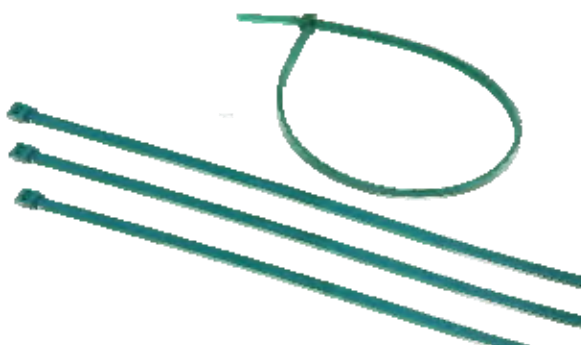


- Flame Retardant Self Extinguishing Properties
- Flammability rating: UL 94V-0
- One-Piece Construction
- Made from UL approved Nylon 6/6
- Temperature rating: -40°F to 185°F

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs)	Length	Width	Max Bundle Dia	Bag Qty	Master Bag Qty
20812	18	4	.098	.87	100	1000
20814	50	8	.181	2.05	100	1000
20816	50	11	.189	3.03	100	1000
20818	50	14 1/2	.189	4.13	100	1000

Tefzel Cable Ties For Plenum Areas



- Can be used in Severe Environments including Acidic Areas, Extreme Temperatures & High Energy Radiation Exposure
- Suitable for Bundling Cables in Plenum Areas
- Manufactured from Fluoropolymer Materials
- Aqua blue-green color
- Tefzel will not burn in Air, but it will burn in oxygen-enriched environments
- The limiting oxygen index (LOI) as measured by the "Candle Test" (ASTM D2862) is 30%
- Tefzel is rated 94V-0 by Underwriters Laboratories Inc. burn test classification for polymeric materials
- Temperature rated -45°F to 302°F (-43°C to 150°C)

Dimensions = Inches

Cat. No.	Tensile Strength (Lbs)	Length	Width	Bag Qty	Master Bag Qty
20902	18	3.75"	.09"	100	100
20906	50	7.25"	.19"	100	100
20910	50	14.25"	.19"	100	100

Self Stick Cable Ties (Hoop & Loop Fasteners)

- ▶ Self Stick
- ▶ Bundle wire and cords in one easy step
- ▶ Hook on one side, loop on the other & fabric attaches back to itself for a secure closure
- ▶ Reusable & good for temporary applications where continuous changes are anticipated
- ▶ Attach to single cable and simply wrap around the whole cable bundle
- ▶ Will not over-cinch or accidentally cut delicate Cat 5E & Fiber Optics
- ▶ Non-metallic so they'll never short circuit electrical equipment or damage a computer disc
- ▶ Allow for 2" overlap when installing
- ▶ 50 Lbs tensile strength



Cat. No.	Bundle Dia	Color	Bag Qty	Carton Qty
8" Length 1/2" Width				
20970	2.0"	Black	10	1000
20972	2.0"	Blue	10	1000
20974	2.0"	Red	10	1000
20976	2.0"	Yellow	10	1000
12" Length 5/8" Width				
20960	3.375"	Black	10	1000
20962	3.375"	Blue	10	1000
20964	3.375"	Red	10	1000
20966	3.375"	Yellow	10	1000

Self Stick Cable Ties - Rolls



Cat. No.	Length	Color	Carton Qty
1/2" X 15' Rolls			
20987	15Ft	Black	100
20989	15Ft	Blue	100
20990	15Ft	Red	100
20991	15Ft	Yellow	100
1/2" X 75' Rolls			
20992	75Ft	Black	50
20994	75Ft	Blue	50
20995	75Ft	Red	50
20996	75Ft	Yellow	50
1/2" X 8" Perforated Lengths on 30' Rolls			
20999	30Ft	Black	20

Push Tie Mounts

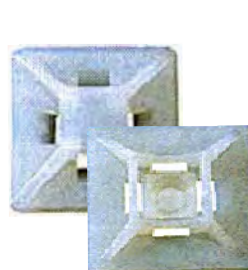


- ▶ Drill 1/4" hole on board to fix tie mount and then insert tie into mount for bundling cables
- ▶ Made from UL approved Nylon 6/6, 94V-2

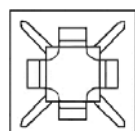
Dimensions = Inches

Cat. No.	Max Cable Tie Accepted	Bag Qty	Master Bag Qty
20342	.316" Wide (120 Lbs)	100	1000

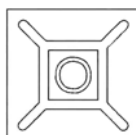
Self-Adhesive Tie Mounts



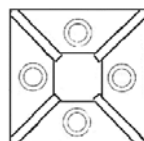
20392/20393



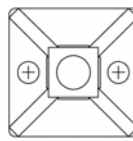
20352/20356



20354/20357



20355/20359



20394/20395

- Designed to support light weight wire bundles when properly applied on any clean, smooth grease-free surface
- Four-sided design allows ties to be easily inserted from any angle
- For heavy support, mounting hole is provided for screws on models 20354/20357 & 20355/20359
- To apply, simply peel off backing paper from sticky mount and apply mount to surface. Cable ties can be inserted to secure wire bundles
- Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat. No.	Color	Mount Type	Base Size	Cable Tie Accepted	Bag Qty	Master Bag Qty
20392	Natural	Regular	1/2x1/2	.126 Wide	100	1000
20352	Natural	Regular	3/4x3/4	.138 Wide	100	1000
20394	Natural	(2) #8 Screw Holes	3/4x3/4	.190 Wide	100	1000
20354	Natural	#8 Screw Hole	1.1X1.1	.190 Wide	100	1000
20355	Natural	(4) #8 Screw Holes	1.5x1.5	.390 Wide	100	1000
20393	UV Black	Regular	1/2x1/2	.126 Wide	100	1000
20356	UV Black	Regular	3/4x3/4	.138 Wide	100	1000
20395	UV Black	(2) #8 Screw Holes	3/4x3/4	.190 Wide	100	1000
20357	UV Black	#8 Screw Hole	1.1X1.1	.190 Wide	100	1000
20359	UV Black	(4) #8 Screw Holes	1.5x1.5	.390 Wide	100	1000

Saddle Tie Mounts



20351



20358/20360



20350

- Saddle Design provides Maximum Stability to wire bundles
- To apply, simply fix mount with a screw and secure wire bundles with nylon cable ties
- Made from UL approved Nylon 6/6, 94V-2
- #8 Screw Accepted

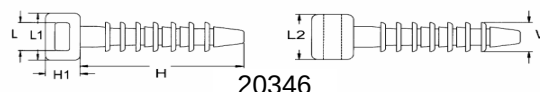
Dimensions = Inches

Cat. No.	Length	Width	Height	Cable Tie Accepted (Inches)	Bag Qty	Master Bag Qty
20351	.748"	.374"	.197"	.195 Wide (50 Lbs)	100	1000
20358	.600"	.370"	.270"	.195 Wide (50 Lbs)	100	1000
20360	1.00"	.640"	.420"	.351 Wide (120 Lbs)	100	1000
20350	1.18"	.579"	.457"	.195 Wide (50 Lbs)	100	1000

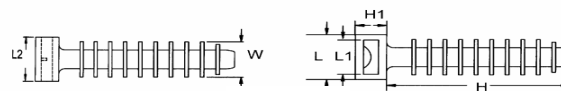
Wall Plug Mounts



- Commonly used in masonry applications
- Affix wire & cable permanently with looped cable tie
- Tap screw into pre-drilled hole
- Features concentric circle barbs for extra holding strength
- Made from UL approved Nylon 6/6, 94V-2



20346

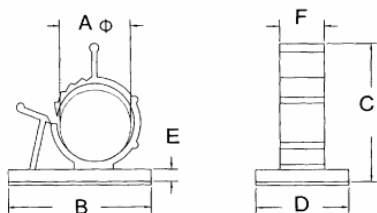


20348

Dimensions = Inches

Cat. No.	Length (L)	L1 Cable Tie Accepted	Length (L2)	Height (H)	Height (H1)	Width (W)	Bag Qty	Master Bag Qty
20346	.38"	.23"	.37"	.96"	.24"	.24"	100	1000
20348	.50"	.38"	.49"	1.46"	.25"	.39"	100	1000

Adjustable Cable Clamps



- ▶ Thick adhesive back for quick installation
- ▶ Designed to secure wire bundles where fixing holes are impractical
- ▶ Can be quickly applied to almost any clean, smooth & grease-free surface
- ▶ Can accommodate various cables diameters
- ▶ Locks securely & can be easily re-opened for routing changes
- ▶ Easy to install, open for unlimited usage
- ▶ Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat. No.	Bundle Dia. Range A	B	C	D	E	F	Bag Qty
22472	.31-.41	1.00	.87	.75	.06	.40	10
22474	.39-.49	1.25	1.09	.75	.06	.40	10
22476	.50-.61	1.50	1.25	.75	.06	.50	10
22478	.65-.79	1.65	1.75	1.00	.06	.50	10
22480	.87-1.00	1.65	1.75	1.00	.06	.50	10

Adjustable Cable Clamps - Retaining Strap



- ▶ Drill 1/4" hole on board to fix tie mount and then insert tie into mount for bundling cables
- ▶ Made from UL approved Nylon 6/6, 94V-2

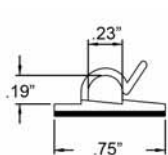
Dimensions = Inches

Cat. No.	Max Bundle Dia.	A	B	C	L	Bag Qty	Master Bag Qty
20398	.67	1.00	.71	.34	2.75	100	1000
20399	.87	1.20	.83	.47	3.50	100	1000
20400	1.02	1.20	.83	.47	4.25	100	1000

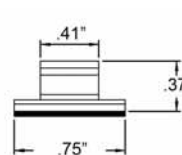
Self-Adhesive Cord Clips



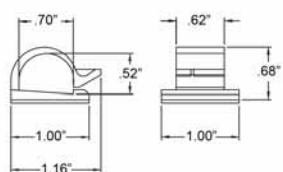
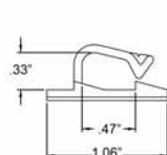
- ▶ Cables are easily snapped into or out of the clips
- ▶ Made from UL approved Nylon 6/6
- ▶ Flammability Rating: UL 94V-2
- ▶ *20407 used with smaller cords



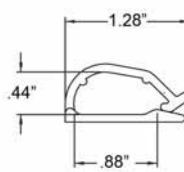
20402



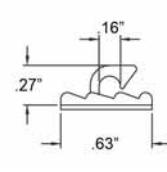
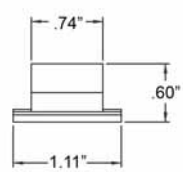
20403



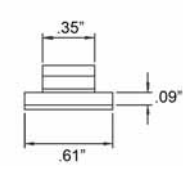
20404



20405



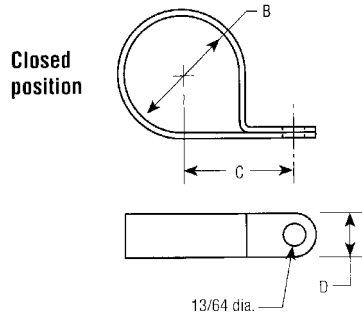
20407



Dimensions = Inches

Cat. No.	L	W	H	Bag Qty	Master Bag Qty
20402	1/4"	.75	.28	100	1000
20403	1/2"	1.04	.46	100	1000
20404	3/4"	1.00	.68	100	1000
20405	1"	1.11	.60	100	1000
20407*	5/8"	.61	.27	100	1000

Plastic Cable Clamps

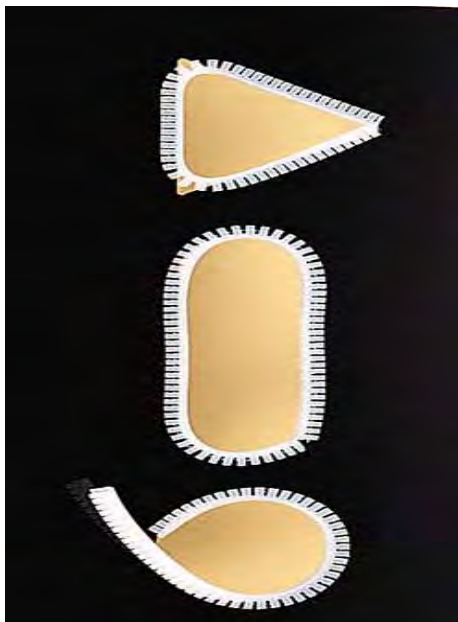


- ▶ Secure cable, tubing, wires, fiber optics, etc.
- ▶ Used for construction, maintenance & assembly line operations
- ▶ Use in control cabinets, panels and general applications
- ▶ Molded in the open position for easy assembly
- ▶ Tough, durable, yet extremely lightweight
- ▶ Operating Temperature Range:
-66°F to 340°F (19°C to 171°C)
- ▶ Clean, smooth edges prevent abrasion & facilitate easy handling
- ▶ Use with #10 screw (.18") (not included)
- ▶ Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat. No.	Closed Position B	C	Width D	Screw Hole	Bag Qty
Natural Color					
22412	1/8"	.37	.38	.18	10
22414	3/16"	.41	.38	.18	10
22416	1/4"	.39	.39	.18	10
22418	3/8"	.49	.47	.18	10
22420	1/2"	.60	.47	.18	10
22422	5/8"	.72	.47	.18	10
22424	3/4"	.72	.47	.18	10
22426	1"	.87	.47	.18	10
22428	1 1/4"	1.03	.47	.18	10
22430	1 1/2"	1.18	.47	.18	10
Ultraviolet Black					
22442	1/8"	.37	.38	.18	10
22444	3/16"	.41	.38	.18	10
22446	1/4"	.39	.39	.18	10
22448	3/8"	.49	.47	.18	10
22450	1/2"	.60	.47	.18	10
22452	5/8"	.72	.47	.18	10
22454	3/4"	.72	.47	.18	10
22456	1"	.87	.47	.18	10
22458	1 1/4"	1.03	.47	.18	10
22460	1 1/2"	1.18	.47	.18	10

Grommet Edging

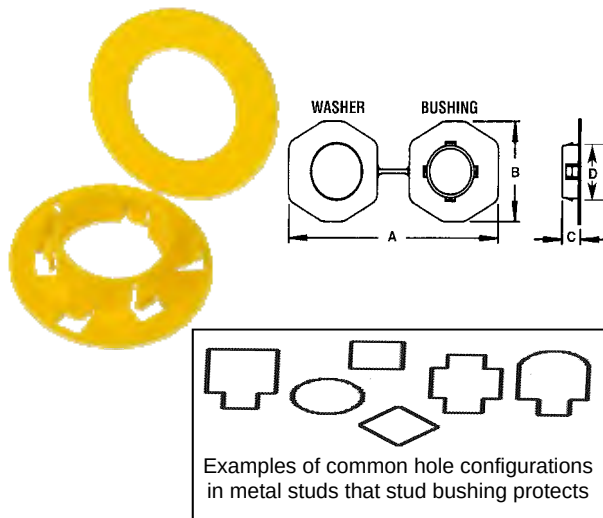


- ▶ Cut to fit any hole size for cord, wire, or cable protection against damage from sharp edges
- ▶ Use product on irregularly shaped and round holes
- ▶ Packaged on paper spool for easy storage
- ▶ Material: Polyethylene

Dimensions = Inches

Cat. No.	Teeth Spacing	Panel Thickness	Bag Qty
22200	.031"	Under .003"	33Ft.
22201	.039"	.003" - .039"	33Ft.
22202	.047"	.039" - .047"	33Ft.
22203	.063"	.047" - .063"	33Ft.
22204	.079"	.063" - .079"	33Ft.
22205	.094"	.079" - .094"	33Ft.
22206	.126"	.094" - .126"	33Ft.
22207	.177"	.126" - .177"	33Ft.

Polypropylene Stud Bushings



- Fits existing irregular shaped holes in metal studs
- Alleviates the need to punch holes in metal studs, weakening the structural member
- Protects wire insulation from abrasion in metal studs
- Bushing allows smooth wire pulling
- No tools needed
- Use these bushings to comply with paragraph 300-4(b)(1) of the 2005 NEC code which states that: "In both exposed & concealed locations where nonmetallic-sheathed cables pass through either factory or field punched, cut, or drilled slots or holes in metal members, the cable shall be protected by bushings or grommets covering all metal edges & securely fastened in the opening prior to installation of the cable"

Dimensions = Inches

Cat. No.	Stud Size	Dimensions				Bag Qty
		A	B	C	D	
21760	2x4	5.67"	2.50"	.505"	1.30"	25

Plastic Knockout Plugs

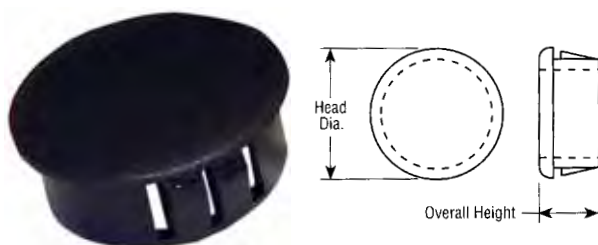


- To cap knockout holes in box or enclosure

Dimensions = Inches

Cat. No.	Trade Size	Mounting Hole Diameter	A	Bag Qty
21721	1/2"	.85"	1-1/8"	100
21722	3/4"	1.10"	1-1/4"	100
21723	1"	1.35"	1-1/2"	50

Plastic Knockout Plugs - Snap-In



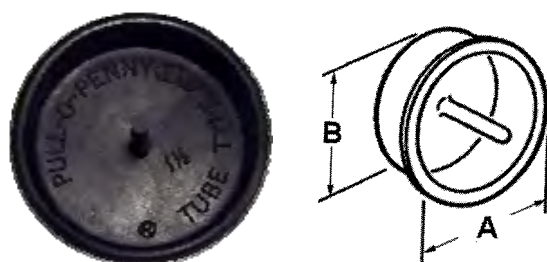
Sizes listed are actual Diameter
(not trade sizes except where noted)

- Plugs electrical knockouts with finger tip pressure
- Snap-In Winged Protrusion for Positive Lock
- Low cost and assures good appearance
- Less costly & safer than steel snap-in blanks
- 1/8" maximum steel thickness
- Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat. No.	Mounting Hole Diameter	Head Diameter	Overall Height	Bag Qty
22380	.18 (3/16")	.25"	.23"	10
22382	.31 (5/16")	.47"	.31"	10
22384	.37 (3/8")	.51"	.41"	10
22386	.50 (1/2")	.67"	.41"	10
22388	.63 (5/8")	.78"	.41"	10
22390	.75 (3/4")	.90"	.41"	10
22392	.87 (7/8") (1/2" Trade)	.98"	.44"	10
22394	.98 (1")	1.11"	.44"	10
22396	1.18 (1-1/4") (3/4" Trade)	1.35"	.44"	10
22398	1.50 (1-1/2")	1.67"	.44"	10
22400	1.75 (1-3/4")	1.93"	.44"	10

Plastic Pull Caps

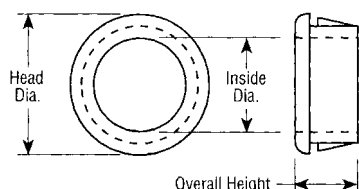


- Used for capping EMT, IMC & Rigid Conduits and most bushings

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Box Qty
		A	B	
21712	1/2"	11/16"	5/8"	100
21713	3/4"	15/16"	13/16"	100
21714	1"	1-3/16"	1-1/16"	100
21715	1-1/4"	1-1/2"	1-3/8"	50
21716	1-1/2"	1-3/4"	1-9/16"	25
21717	2"	2-3/16"	2-1/16"	25

Snap Bushings

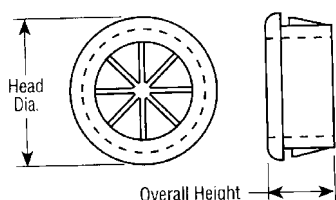


- ▶ Eliminate sharp edges & insulate your raw-edged holes in metal chassis
- ▶ Easily locks into hole firmly with fingertip pressure
- ▶ Protect electrical cables, ropes, utility lines passing through metal
- ▶ 1/8" maximum steel thickness
- ▶ Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat. No.	Mounting Hole Diameter	Inside Diameter	Head Diameter	Overall Height	Bag Qty
22311	.28	.23	.34	.24	10
22312	.31	.23	.37	.31	10
22314	.37	.25	.47	.41	10
22316	.50	.32	.57	.41	10
22317	.55	.45	.67	.41	10
22318	.63	.48	.73	.41	10
22320	.75	.56	.85	.41	10
22322	.87 (1/2" Trade)	.68	.94	.45	10
22324	.99	.75	1.10	.45	10
22326	1.17 (3/4" Trade)	.95	1.31	.45	10
22328	1.50	1.14	1.62	.45	10
22330	1.72	1.39	1.88	.46	10
22332	1.97	1.64	2.15	.46	10

Snap Bushings with Shutters

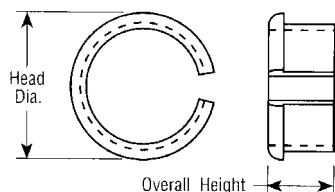


- ▶ Flexible shutters to accommodate a variety of cable & hose sizes from a minimum of 1/8" to a maximum as shown in the table
- ▶ Shutters absorb vibration & cushion cables, tubes, etc.
- ▶ Fingertip pressure snap-locks the bushing into the mounting hole
- ▶ Universal design to hold various cable ranges
- ▶ 1/8" maximum steel thickness
- ▶ Made from UL approved Nylon 6/6, 94V-2

Dimensions = Inches

Cat. No.	Mounting Hole Diameter	Max Cable Size ID	Head Diameter	Overall Height	Bag Qty
22342	.63	.44	.72	.41	10
22344	.75	.50	.86	.39	10
22346	.81	.50	.89	.39	10
22348	.87 (1/2" Trade)	.56	.93	.45	10
22350	1.00	.80	1.12	.44	10
22352	1.09 (3/4" Trade)	.88	1.21	.44	10
22354	1.35 (1" Trade)	1.15	1.48	.44	10
22356	1.50	1.22	1.61	.43	10

Snap Bushings (Open/Closed)



- ▶ Protect wires, tubing, etc. from sharp/uneven drilled & punched metal holes with smooth plastic chassis
- ▶ 1/8" maximum steel thickness
- ▶ Finger tip pressure snap-locks the bushing into the mounting hole
- ▶ Can be applied where cables are already installed
- ▶ Can accommodate cables too large to fit through the inside diameter of a standard bushing
- ▶ Made from UL approved Nylon 6/6, 94V-2

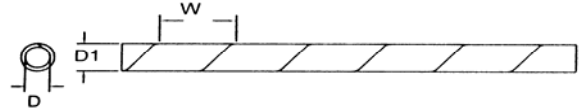
Dimensions = Inches

Cat. No.	Mounting Hole Diameter	Inside Diameter	Head Diameter	Overall Height	Bag Qty
22362	3/8	.26	.42	.375	10
22364	1/2	.31	.56	.375	10
22366	5/16	.45	.70	.375	10
22368	3/4	.52	.80	.375	10
22370	7/8	.67	.92	.375	10
22372	1	.80	1.06	.375	10

Spiral Wrap - Polyethylene



- ▶ Allows breakouts of single/multiple wires & rerouting of replacement wires
- ▶ Forms a neat, protective bundle
- ▶ Easy to use - twists on like tape
- ▶ Durable, reusable with retained spiral memory
- ▶ Cut-to-fit versatility in convenient roll form
- ▶ Made from polyethylene material
- ▶ Excellent in insulation and binding strength
- ▶ Good resistance to ordinary solvents and abrasion



Dimensions = Inches

Cat. No.	Bundle Range	D	DI	W	Roll Length
Natural Color - 33Ft. Rolls					
22010	.06 - 0.39	.06	.12	.16	33'
22011	.16 - 0.98	.16	.24	.28	33'
22012	.24 - 1.18	.24	.31	.43	33'
22013	.30 - 1.18	.30	.39	.45	33'
22014	.35 - 1.26	.35	.47	.55	33'
22015	.47 - 1.38	.47	.59	.59	33'
22016	.59 - 1.97	.59	.75	.72	33'
22017	.79 - 3.94	.79	.94	.77	33'

Ultraviolet Black - 33Ft. Rolls

22110	.06 - 0.39	.06	.12	.16	33'
22111	.16 - 0.98	.16	.24	.28	33'
22112	.24 - 1.18	.24	.31	.43	33'
22113	.30 - 1.18	.30	.39	.45	33'
22114	.35 - 1.26	.35	.47	.55	33'
22115	.47 - 1.38	.47	.59	.59	33'
22116	.59 - 1.97	.59	.75	.72	33'
22117	.79 - 3.94	.79	.94	.77	33'

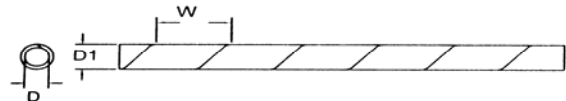
Dimensions = Inches

Cat. No.	Bundle Range	D	DI	W	Roll Length
Natural Color - 100Ft. Rolls					
22160	.06 - 0.39	.06	.12	.16	100'
22161	.16 - 0.98	.16	.24	.28	100'
22162	.24 - 1.18	.24	.31	.43	100'
22163	.30 - 1.18	.30	.39	.45	100'
22164	.35 - 1.26	.35	.47	.55	100'
22165	.47 - 1.38	.47	.59	.59	100'
22166	.59 - 1.97	.59	.75	.72	100'
22167	.79 - 3.94	.79	.94	.77	100'

Spiral Wrap - Nylon



- ▶ Allows breakouts of single/multiple wires & rerouting of replacement wires
- ▶ Forms a neat, protective bundle
- ▶ Easy to use - twists on like tape
- ▶ Durable, reusable with retained spiral memory
- ▶ Cut-to-fit versatility in convenient roll form
- ▶ Made from Nylon material
- ▶ Excellent in insulation and binding strength
- ▶ Good resistance to ordinary solvents and abrasion



Dimensions = Inches

Cat. No.	Bundle Range	D	DI	W	Roll Length
Natural Color - 33Ft. Rolls					
22170	.16 - .98	.06	.12	.16	33'
22171	.24 - 1.18	.16	.24	.28	33'
22172	.30 - 1.18	.24	.31	.43	33'
22173	.35 - 1.26	.30	.39	.45	33'
22174	.47 - 1.38	.35	.47	.55	33'
22175	.59 - 1.97	.47	.59	.59	33'
22176	.79 - 3.94	.59	.75	.72	33'

Dimensions = Inches

Cat. No.	Bundle Range	D	DI	W	Roll Length
Natural Color - 100Ft. Rolls					
22180	.16 - .98	.06	.12	.16	100'
22181	.24 - 1.18	.16	.24	.28	100'
22182	.30 - 1.18	.24	.31	.43	100'
22183	.35 - 1.26	.30	.39	.45	100'
22184	.47 - 1.38	.35	.47	.55	100'
22185	.59 - 1.97	.47	.59	.59	100'
22186	.79 - 3.94	.59	.75	.72	100'

Split Flex Tubing

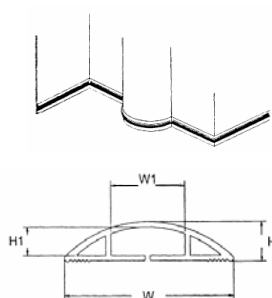


- ▶ Loom Tubing protects and organizes wires and cables
- ▶ Constructed of Polypropylene
- ▶ Corrugated for Added Flexibility
- ▶ Split along length for easy insertion
- ▶ Not UV Rated

Dimensions = Inches

Cat. No.	Inside Diameter	Outside Diameter	Roll Length	Box Quantity
22212	.29	.40	100Ft.	30
22214	.42	.63	100Ft.	15
22216	.59	.77	100Ft.	8
22218	.79	.94	100Ft.	5
22220	.98	1.18	100Ft.	4
22222	1.23	1.55	100Ft.	2
22224	1.56	1.95	100Ft.	2

Soft Wiring Duct



- ▶ Safe Temporary or Permanent Enclosure of Electrical Cords, Data Cables, & other objects that present a trip hazard
- ▶ Soft PVC packaged in Rolls for easy storage
- ▶ Supplied with Double Sided Tape
- ▶ Length: 6'1" per piece
- ▶ Material: PVC

Dimensions = Inches

Cat. No.	Width (W)	Color	W1	H	H1
22607	1"	Gray	.29	.23	.15
22608	1"	Brown	.29	.23	.15
22609	1"	Black	.29	.23	.15
22610	1"	Off White	.29	.23	.15
22611	2 1/2"	Gray	.75	.60	.43
22612	2 1/2"	Brown	.75	.60	.43
22614	2 1/2"	Black	.75	.60	.43
22616	2 1/2"	Off White	.75	.60	.43
22617	4"	Gray	1.16	.60	.43
22618	4"	Brown	1.16	.91	.61
22620	4"	Black	1.16	.91	.61
22622	4"	Off White	1.16	.91	.61

PVC Latching Duct Cable Management Kit

3 Channels, 2 flat elbows, 1 inside elbow, 1 outside elbow, 1 T-fitting, 2 couplings-all parts made of UL 94-VO compliant, flame resistant PVC. Holds, guides, protects wires up to 600 volts. Comes with pre-applied self-adhesive tape.



Sold Only
In Box
Quantity

Cat No.	Description	Color	Kits Per box
22686	3/4" X 1/2" X 4' Raceway Kit	Ivory	10
22692	1" X 1/2" X 4' Raceway Kit	Ivory	10

FireStop Caulk



- ▶ Odorless
- ▶ Water Based, Paintable
- ▶ Easy Gunability
- ▶ 1 year Shelf Life
- ▶ Red Color
- ▶ UL Classified
- ▶ Zero VOC's
- ▶ Unaffected by Freeze/Thaw
- ▶ Adhesion to almost Any Surface
- ▶ Non-Corrosive & Non-Combustible
- ▶ Non-Toxic - Environmentally Safe

- ▶ Non-Combustible Firestopping Caulk
- ▶ UL Classified for 1 & 2 Hour Fire Rated Walls & Floors
- ▶ Forms a Barrier to Prevent the Spread of Flames, Smoke & Toxic Fumes
- ▶ One Part Non-Intumescent Silicate based Firestop Sealant
- ▶ Tested & Approved for Use as Filler for Through Penetration Firestop Systems
- ▶ Meets Fire/Draft/Smoke criteria for BOCA – CABO – UPC – SBCC/IRC
- ▶ Suitable for Commercial, Industrial & Residential Firestop Requirements
- ▶ ASTM E-84 0 Flame & 0 Smoke Certified
- ▶ ASTM E-136 Residential Use Certified
- ▶ ASTM E-814 Commercial Use Compatible

Cat. No.	Description	Case Qty
67090	10.5 oz. Tube	12
99982	29oz. Tube	12
99984	1 Gallon Pail	1
99986	5 Gallon Pail	1

Silicone Sealant



- ▶ 100% Silicone Adhesive Sealant
- ▶ Seals electrical components & provides weather-tight closure for electrical boxes & exterior fixtures
- ▶ Acetic cure anti-fungus Acetoxy based silicone sealant suitable for construction & household repairs
- ▶ Exhibits an excellent sealing and adhesion to metal, glass, tiles, ceramics, fiberglass, aluminum, non-oily wood, painted surfaces, plastic, rubber, fiber & other non-porous materials
- ▶ Protects & seals - waterproof & flexible - indoors & outdoors
- ▶ Fills voids & irregularities. Not paintable
- ▶ RTV 100% Silicone, flexible from -60°F to 450°F, 20°F min dispensing temp.
- ▶ High Temperature Sealant rated from -85°F to 500°F meets Federal Spec. TT-S-001543A
- ▶ Meets FDA Reg. #21 CFR 177.2600, Federal Spec. TT-S-00230C, MIL-A-46106A Amend. 2, ASTM C-920
- ▶ Complies with EcoSeal Standards, LEED 2009, NAHB Green Guidelines, SCAQMD Rule #1168 OTC, CARB, BAAQMD
- ▶ 10.3oz Tubes

Cat. No.	Color	Case Qty
99912	Clear	12
99916	White	12
99913	Silver	12
99914	Black	12
Hi-Temp Silicone		
99911	Red	12



460 VOLTS

Labeling

- ▶ Hand Held Printers J1-J2
- ▶ Computer Generated Labels J3
- ▶ Wire Markers & Dispensers J4-J5
- ▶ Voltage Markers & Safety Signs J5-J6
- ▶ Lockout/Tagout J6-J7

DYMO Rhino Industrial 4200 Series Hand Held Printer



Soft Case Kit

- ▶ 180 DPI Thermal Transfer Print Technology
- ▶ 1/4" - 3/4" Industrial Tapes and Heat Shrink Media
- ▶ Flexible Nylon, Vinyl, Polyester Tapes & Polyolefin Heat Shrink Tubing
- ▶ Serialization, Barcodes, Label Library, QWERTY Keyboard, Glare Free LCD Display
- ▶ Pre-Programmed "Hot Keys" Shortcuts, Favorites & Custom Settings, Multi-Label View
- ▶ 25 Label Memory
- ▶ Rugged Industrial Housing and Rubber Bumper Padding
- ▶ Soft Case Kit Includes: Lithium-Ion Battery, AC Adaptor, 1/2" Vinyl Tape, & Soft Carry Case
- ▶ When purchasing Printer Only: 6AA Batteries Required (Not Included)

Cat. No.	Model #	Length	Width	Height	Weight (lbs)	Box Qty	Master Box Qty	Special Offer
D1801611	4200	7"	4.6"	2.25"	1.5	1	3	Buy 12 Assorted Label Cartridges & get this Printer FREE
D1835374	4200 Kit	7"	4.6"	2.25"	2.7	1	3	Buy 15 Assorted Label Cartridges & get this Kit FREE

DYMO Rhino Industrial 5200 Series Hand Held Printer



Hard Case Kit

- ▶ 180 DPI Thermal Transfer Print Technology
- ▶ 1/4" - 3/4" Industrial Tapes and Heat Shrink Media
- ▶ Flexible Nylon, Vinyl, Polyester Tapes & Polyolefin Heat Shrink Tubing
- ▶ Serialization, Barcode, Label/Symbol Library, Pre-Programmed "Hot" Keys, LCD Backlit Display & Multi-Label View
- ▶ 100 label Memory Advanced Serialization, Expanded Label Templates
- ▶ PC Connectivity: Import Graphics, Data, and Templates
- ▶ Rugged Industrial Housing and Protective Rubber Padding
- ▶ Hard Case Kit Includes: 5200 Printer, CD Manual, AC Adapter, Rechargeable Lithium-Ion Battery, One 3/4" Flex Nylon & One 3/8" Vinyl Tape, Hard Carry Case
- ▶ When purchasing Printer Only: 6AA Batteries Required (Not Included)

Cat. No.	Model #	Length	Width	Height	Weight (lbs)	Box Qty	Master Box Qty	Special Offer
D1755749	5200	9.2"	4.96"	2.5"	2.4	1	3	Buy 15 Assorted Label Cartridges & get this Printer FREE
D1756589	5200 Hard Case Kit	9.2"	4.96"	2.5"	5.5	1	3	Buy 20 Assorted Label Cartridges & get this Kit FREE

DYMO Rhino Industrial 6000 Series Hand Held Printer



Printer Only Includes: AC Adapter, Rechargeable Lithium-Ion Battery, One 1" Flex Nylon Tape



Hard Case Kit

- ▶ 180 DPI Thermal Transfer Print Technology
- ▶ 1/4" - 1" Industrial Tapes and Heat Shrink Media
- ▶ Flexible Nylon, Vinyl, Polyester Tapes & Polyolefin Heat Shrink Tubing
- ▶ Serialization, Barcode, Label/Symbol Library, Pre-Programmed "Hot" Keys, LCD Backlit Display & Multi-Label View
- ▶ 1000 label Memory Advanced Serialization, Expanded Label Templates
- ▶ PC Connectivity: Import Graphics, Data, and Templates
- ▶ Rugged Industrial Housing and Protective Rubber Padding
- ▶ Hard Case Kit Includes: 6000 Printer, Connect Software CD, AC Adapter, Rechargeable Lithium-Ion Battery, One 3/4" Flex Nylon & One 3/8" Vinyl Tape, Hard Carry Case

Cat. No.	Model #	Length	Width	Height	Weight (lbs)	Box Qty	Master Box Qty	Special Offer
D1734519	6000	9.7"	5.4"	2.5"	3.7	1	3	Buy 30 Assorted Label Cartridges & get this Printer FREE
D1734520	6000 Hard Case Kit	9.7"	5.4"	2.5"	8.0	1	3	Buy 35 Assorted Label Cartridges & get this Kit FREE

Printer Accessories

Cat. No.	Description	Printer	Qty
D1759398	4200, 5200 Li-Ion Battery	4200 & 5200	1
D1738637	6000 Li-Ion Battery	6000	1
D15519	AC Adapter	4200, 5200, 6000	1
D1738636	Connect Software	6000	1
D1760413	5200 Hard Carry Case	5200	1
D1738638	6000 Hard Carry Case	6000	1

Embossing Tool & Tapes



Cat. No.	Description	Dimensions	Box Qty	Master Box Qty
D101105	Metal Embossing Tool	—	1	3
D31000	Aluminum Tape	1/2" X 16'	10	100
D35800	Aluminum Tape - Adhesive	1/2" X 12'	10	100
D32500	Stainless Steel Tape	1/2" X 21'	10	100

DYMO Rhino Flexible Nylon Labeling Cartridges



- Flexible Nylon Wire Markers Conform and Adhere Tightly to Wire & Cable, Curved Surfaces and Textured Surfaces
- Tear-Proof, UV & Moisture Resistant Material - UL 929 Recognized
- 1/4" - 3/4" Wide Tapes - 11.5' Length
- Perfect for Wire/Cable Marking Applications



Cat. No.	Material	Width	Color	Box Qty	Inner Box	Master Box
D18488	Flexible Nylon Tape	1/2"	White	1	5	25
D18489	Flexible Nylon Tape	3/4"	White	1	5	25
D1734524*	Flexible Nylon Tape	1"	White	1	5	25
D18490	Flexible Nylon Tape	1/2"	Yellow	1	5	25
D18491	Flexible Nylon Tape	3/4"	Yellow	1	5	25

DYMO Rhino Indoor/Outdoor Vinyl Labeling Cartridges



- Vinyl Labels are a Cost Effective General Purpose Labeling Material
- UV, Moisture & Chemical Resistant for Indoor & Outdoor Applications
- Component labeling, Tags, QC Applications, Panel Markers, Voice/Data Component & Patch Panel Labeling, Terminal blocks, Wire & Cable
- Excellent for Flat & Curved Surfaces
- 1/4" - 1" Wide Tapes - 18' Length - UL 929 Recognized
- *1" Tapes are Compatible with 6000 Series Printer Only

Cat. No.	Material	Width	Color	Box Qty	Inner Box	Master Box
D18443	Vinyl Tape	3/8"	White	1	5	25
D18444	Vinyl Tape	1/2"	White	1	5	25
D18445	Vinyl Tape	3/4"	White	1	5	25
D1805430*	Vinyl Tape	1"	White	1	5	25
D1734821*	Vinyl Self-Laminating	1" X 1"	Clear - White Print Area	1	5	25

DYMO Rhino Permanent Polyester Labeling Cartridges



- Polyester Labels are a Premium Label Material with Excellent Temperature, Chemical Resistance & Durability Characteristics (not recommended for curved surfaces)
- Popular for Nameplate, Legend, Signage, Component & Faceplate Labeling Applications where Durability & Superior Aesthetics are required
- 1/4" - 1" Wide Tapes - 18' Length - UL 929 Recognized
- *1" Tapes are Compatible with 6000 Series Printer Only

Cat. No.	Material	Width	Color	Box Qty	Inner Box	Master Box
D18482	Polyester Tape	3/8"	White	1	5	25
D18483	Polyester Tape	1/2"	White	1	5	25
D18484	Polyester Tape	3/4"	White	1	5	25
D1734523*	Polyester Tape	1"	White	1	5	25

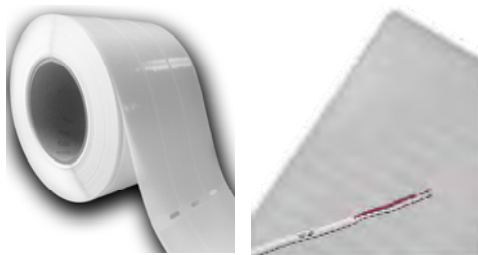
DYMO Rhino Heat Shrink Labeling Cartridges



- Flattened Polyolefin Heat Shrink Markers for Highest Performing Temperature, Chemical Resistance, Insulation & Durability Ratings
- Preferred for Wire & Cable, Hydraulic/Pneumatic Tubing Labeling Applications where Insulated, Durable & Readable Legends are required
- 1/4" - 3/4" Wide Tubing - 5' Lengths
- MIL-STD-2026, MIL-M-81531, SAE-DTL-23053/5 (Class 1&3) UL 224

Cat No.	Material	Width	Color	Box Qty	Inner Box	Master Box
D18051	Heat Shrink Marker	1/4"	White	1	5	25
D18053	Heat Shrink Marker	3/8"	White	1	5	25
D18055	Heat Shrink Marker	1/2"	White	1	5	25
D18057	Heat Shrink Marker	3/4"	White	1	5	25

Self-Laminating Wire Marker Labels



- ▶ Laser Self-Laminating labels - 1/2 - 1 mil Polyester labels on 8.5" x 11" Sheets
- ▶ Thermal Self Laminating labels - Clear Matte 3.5 mil Flexible Vinyl on 3.2" Width Rolls
- ▶ Pressure Sensitive Permanent Acrylic Adhesive
- ▶ Tear-Proof, UV, Moisture & Oils Resistant Material
- ▶ Film Recognized under UL 969 Marking Std.
- ▶ Electrical & Voice/Data Wire/Cable Marking Applications

Cat No.	Width	Height	Print Area	Cable Dia. (Min)	Cable Dia. (Max)	Material	Color	Sheet/Roll Qty	Pack Qty
Sheets - Laser Self-Laminating Label Stock									
21110	0.50	0.75	0.37	0.11	0.13	1/2 Mil Poly	Clear - White Print Area	156 labels/Sheet	10 Sheets
21112	0.50	1.50	0.50	0.16	0.32	1 Mil Poly	Clear - White Print Area	78 labels/Sheet	10 Sheets
21114	1.00	0.75	0.34	0.11	0.13	1/2 Mil Poly	Clear - White Print Area	84 labels/Sheet	10 Sheets
21116	1.00	1.33	0.50	0.16	0.26	1 Mil Poly	Clear - White Print Area	49 labels/Sheet	10 Sheets
21118	1.17	3.33	0.88	0.28	0.78	1 Mil Poly	Clear - White Print Area	18 labels/Sheet	10 Sheets
21120	1.88	3.17	0.97	0.31	0.69	1 Mil Poly	Clear - White Print Area	12 labels/Sheet	10 Sheets

Rolls - Thermal Self-Laminating Label Stock - 3" Core

21140	0.50	0.75	0.37	0.12	0.12	3.5 Mil Vinyl	Clear - White Print Area	5,000/Roll	1 Roll
21142	0.50	1.50	0.50	0.16	0.32	3.5 Mil Vinyl	Clear - White Print Area	5,000/Roll	1 Roll
21144	0.80	1.44	0.50	0.16	0.30	3.5 Mil Vinyl	Clear - White Print Area	5,000/Roll	1 Roll
21146	1.00	1.50	0.50	0.16	0.32	3.5 Mil Vinyl	Clear - White Print Area	2,500/Roll	1 Roll
21148	1.00	2.25	0.75	0.24	0.48	3.5 Mil Vinyl	Clear - White Print Area	2,500/Roll	1 Roll
21150	1.00	3.75	1.00	0.32	0.88	3.5 Mil Vinyl	Clear - White Print Area	1,000/Roll	1 Roll

General Purpose Blank Labels



- ▶ Laser Blank labels - 2 mil Top-Coated Matte Polyester labels on 8.5" x 11" Lay-Flat Sheets
- ▶ Thermal Blank labels - 2 mil Top-Coated Matte Polyester - 3.2" Width Rolls
- ▶ Pressure Sensitive Permanent Acrylic Adhesive
- ▶ Tear-Proof, UV, Moisture & Oils Resistant Material
- ▶ Film Recognized under UL 969 Marking Std.
- ▶ Perfect for General Identification Applications - OEM, MRO, Construction & Data-communication

Cat. No.	Width	Height	Material	Color	Sheet/Roll Qty	Pack Qty
Sheets - Laser Blank Label Stock						
21130	0.65	0.25	2 Mil Poly	White	380 labels/Sheet	10 Sheets
21132	0.80	.020	2 Mil Poly	White	304 labels/Sheet	10 Sheets
21134	1.00	0.50	2 Mil Poly	White	133 labels/Sheet	10 Sheets
21136	1.50	0.75	2 Mil Poly	White	60 labels/Sheet	10 Sheets
Rolls - Thermal Blank Label Stock - 3" Core						
21160	0.25	0.25	2 Mil Poly	White Gloss	10,000/Roll	1 Roll
21162	0.50	0.25	2 Mil Poly	White Gloss	10,000/Roll	1 Roll
21164	1.00	0.375	2 Mil Poly	White Gloss	10,000/Roll	1 Roll
21166	1.00	0.50	2 Mil Poly	White Gloss	10,000/Roll	1 Roll
21168	1.50	0.25	2 Mil Poly	White Matte	10,000/Roll	1 Roll
21170	1.50	0.50	2 Mil Poly	White Gloss	10,000/Roll	1 Roll
21172	2.00	0.50	2 Mil Poly	White Gloss	3,000/Roll	1 Roll
21174	3.00	1.50	2 Mil Poly	White Gloss	1,000/Roll	1 Roll
21176	4.00	2.25	2 Mil Poly	White Gloss	1,000/Roll	1 Roll

Wire Marker Booklets



- Pocket-sized booklet of Self-Adhesive wire markers and matching terminal markers
- 450 Wire Markers
- Save time and money on site and in-plant initial hook up, troubleshooting, maintenance, and repairs.
- Cloth material has a better initial adhesion
- Assures durability and minimizes the potential of tearing
- Oil ,water and abrasion resistant
- Service temperature from -40°F to +250°F (-40°C to +121°C)

Cat. No.	Material	Std Marking	Markers Per Each Legend	Bag Qty
21252	Tyvek	0-9	45	10
21253	Cloth	0-9	45	10
21254	Tyvek	1-45	10	10
21257	Cloth	1-45	10	10
21255	Tyvek	46-90	10	10
21258	Cloth	46-90	10	10
21256	Tyvek	A-Z,0-15,+/-	10	10
21260	Cloth	A-Z,0-15,+/-	10	10
21262	Cloth	1,2,3,	150	10
21264	Cloth	A,B,C	150	10
21266	Cloth	T ₁ ,T ₂ ,T ₃	150	10
21268	Cloth	L ₁ ,L ₂ ,L ₃	150	10
21270	Cloth	10 nema colors	45	10
21272	Cloth	+, -,AC, DC, pos, neg, grnd, neut, spare, blank	45	10
			33	
			27	
			21	
21274	Cloth	Burglar Alarm	Various Markings	10
21276	Cloth	Fire Alarm	Various Markings	10
21278	Cloth	Circuit Breaker	79 legends + 11 blank Kitchen, Outlets, Range, Bath, Lights, Dry- er, etc.	10

Write and Wrap Dispensers & Booklets



- Pocket sized disposable
- Contains a roll of pre-cut self laminating wire markers
- Each marker has a white area available for legend inscription using a pen or pencil
- After marking, simply pull back on the marker liner and the marker is dispensed
- On application the transparent portion of the clear vinyl marker wraps around itself to protect the write-on area
- The adhesive is an aggressive acrylic that is impervious to oil & water
- Service temperature from -40°F to +250°F (-40°C to +121°C)

Cat. No.	Type	Label Width	Label Length	Write Area	Markers Per Dispenser or Booklet
21232	Dispenser	3/4"	1-1/4"	3/4" x 5/16"	300
21234	Dispenser	3/4"	1-7/8"	3/4" x 1/2"	150
21236	Book	3/4"	1-5/8"	3/4" x 5/8"	120
21238	Book	1"	2-1/2"	1" x 3/4"	60

Wire Marker Dispensers



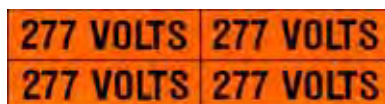
- ▶ Compact, carry-along dispenser with 10 refillable compartments that hold 8 foot rolls of Tyvek tape numbered 0-9
- ▶ Each roll contains 76 pre-cut markers 1/4" x 1 1/4" length
- ▶ Clear black legend
- ▶ Oil, water and abrasion resistant
- ▶ Acrylic adhesive
- ▶ Service temperature from -40°F to +200°F (-40°C to +93°C)

Cat. No.	Description	Box Qty
21210	Preloaded dispenser with legends 0-9	5 Dispensers
21220	Set of 10 Refill rolls with legends 0-9	5 Sets (50) Rolls
21221	Set of 10 Refill rolls with legend 1	5 Sets (50) Rolls
21222	Set of 10 Refill rolls with legend 2	5 Sets (50) Rolls
21223	Set of 10 Refill rolls with legend 3	5 Sets (50) Rolls
21224	Set of 10 Refill rolls with legend 4	5 Sets (50) Rolls
21225	Set of 10 Refill rolls with legend 5	5 Sets (50) Rolls
21226	Set of 10 Refill rolls with legend 6	5 Sets (50) Rolls
21227	Set of 10 Refill rolls with legend 7	5 Sets (50) Rolls
21228	Set of 10 Refill rolls with legend 8	5 Sets (50) Rolls
21229	Set of 10 Refill rolls with legend 9	5 Sets (50) Rolls
21230	Set of 10 Refill rolls with legend 0	5 Sets (50) Rolls

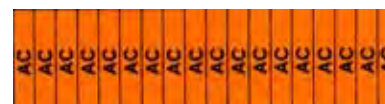
Voltage Markers



STYLE A — 1 Per Card
2 1/4" X 9"



STYLE B — 4 Per Card
1 1/4" X 4.5"



STYLE C — 18 Per Card
1/2" X 2 1/4"

- ▶ Identify voltage, conduit, electrical components, etc.
- ▶ Tough and permanent, they resist abrasion, oil, grease, moisture, chemicals and extreme high and low temperatures
- ▶ Bold black copy on bright orange background is the accepted color for this type of identification
- ▶ Voltage markers can be used on all sizes of conduit, panels, transformers, switchgear, controls and many other types of electrical equipment
- ▶ The permanent acrylic adhesive bonds firmly to most clean surfaces

Cat. No.	Legend	Markers Per Card	Cards Per Pack
21312	120V	1	5
21314	120V	4	5
21316	120V	18	5
21318	120/208V	1	5
21320	120/208V	4	5
21322	120/208V	18	5
21324	208V	1	5
21326	208V	4	5
21328	208V	18	5
21330	220V	1	5
21332	220V	4	5
21334	220V	18	5
21336	277V	1	5
21338	277V	4	5
21340	277V	18	5

Cat. No.	Legend	Markers Per Card	Cards Per Pack
21352	230V	1	5
21354	230V	4	5
21356	230V	18	5
21358	240V	1	5
21360	240V	4	5
21362	240V	18	5
21364	460V	1	5
21366	460V	4	5
21368	460V	18	5
21370	480V	1	5
21372	480V	4	5
21374	480V	18	5
21376	Three Phase	1	5
21378	Three Phase	4	5
21380	Three Phase	18	5

Safety Signs



- Identify hazards & reduce the possibility of serious injury
- 4 Sizes 10" x 14", "14" x 10", 7" x 10", 7" x 5"
- Adhesive backed
- Outdoor vinyl grade
- Outdoor durability
- UV resistant characteristics
- 25 Signs per master bag

Cat. No.	Type	Legend	Size	Qty
21412	Notice	Authorized Personnel Only	10"x14"	1
21414	Notice	No Smoking	10"x14"	1
21416	Notice	In Accordance with OSHA... (See * below)	10"x14"	1
21418	Danger	Cable Buried Here	10"x14"	1
21420	Danger	Keep Out	10"x14"	1
21422	Caution	Area In front of Electrical Panel Must Be Kept	7"x10"	1
21424	Danger	Authorized Personnel Only	10"x14"	1
21426	Danger	Buried Cable High Voltage	10"x14"	1
21428	Danger	High Voltage	10"x14"	1
21429	Danger	High Voltage	7"x10"	1
21430	Danger	High Voltage Keep Out	10"x14"	1
21432	Caution	Lock Out Equipment Before Servicing	7"x10"	1
21434	Danger	No Smoking	14"x10"	1
21436	Danger	Eye Protection Required	14"x10"	1
21438	Danger	Arc Flash Hazard	7"x5"	1
Bilingual Signs				
21440	Danger	High Voltage	14"x10"	1
21442	Danger	High Voltage Do Keep Out	14"x10"	1
21444	Danger	Lock Out Before Working on Equipment	10"x14"	1
21446	Danger	No Smoking	14"x10"	1

* In Accordance with OSHA Standard 1910.147, All equipment, machines and processes shall be locked out prior to servicing. Lockout procedures are posted in the main operating area and/or by the main energy source of each machine. If you have any questions about the lockout procedures, please see your supervisor or the safety director. This standard will be strictly enforced.

Lock Labels



- 3/4" x 4-7/16" vinyl labels with clear protective covers
- Labels are an easy way to identify employee's locks
- Permanent pressure-sensitive adhesive
- Write on labels with ballpoint marker pen or typewriter

Cat. No.	Legend	Tags
21582	Blue	10
21584	Orange	10
21586	Black	10
21588	Green	10

Lockout Hasps



- Accepts padlocks up to 3/8" shackle diameter
- Manufactured from 12 gauge steel
- .060 malleable steel plate for maximum security
- Red plastic coating for visibility
- Multiple party lockouts with same device
- Solid Steel U Jaws
- Protection for electric, gas, water, steam, acid & pneumatic control units & levers
- Prevents engagement of circuit breaker boxes & disconnect switches
- Allows up to 6 workers to lock out a single energy source
- Superior resistance to rust and added dielectric strength

Cat. No.	Size	Box Qty
21694	1"	10
21696	1 1/2"	10

Padlocks



- ▶ Solid Anodized Aluminum
- ▶ Lock Body measures 1-1/2" wide x 3/4" thick x 1-13/16" high
- ▶ Chrome plated hardened steel shackle is 1/4" dia x 1" vertical clearance x 25/32" horizontal clearance
- ▶ Double Ball Bearing Locking Mechanism
- ▶ Re-keyable 5 pin brass cylinder & anti-pick pinning
- ▶ Each lock comes with 2 keys
- ▶ Complies with OSHA Rule (1910.147) for Safety Lock-out Guards Against Accidental Start-Up Injuries

Cat. No.	Color	Box Qty
Individually Keyed		
21632	Blue	5
21634	Black	5
21636	Brown	5
21638	Red	5
21640	Green	5
21642	Gold	5
Keyed Alike		
21652	Blue	5
21654	Black	5
21656	Brown	5
21658	Red	5
21660	Green	5
21662	Gold	5
Individually Keyed w/ Master Key		
21672	Blue	5
21674	Black	5
21676	Brown	5
21678	Red	5
21680	Green	5
21682	Gold	5
21683	Master Key	1

Lockout Tags



- ▶ Lockout tags warn of Hazard in and around Machinery, Equipment, Valves, etc.
- ▶ Made of rigid 15 mil vinyl with 7/16" brass grommet
- ▶ Easy to write on with permanent marker
- ▶ Moisture and mildew resistant for outdoor use
- ▶ Each durable long lasting tag is 5-3/4" x 3"
- ▶ Available in standard packs of 5 tags

Cat. No.	Legend	Tags Per Pack
21512	Do Not Operate	5
21514	Do Not Operate (w/clear photo flap)	5
21516	Do Not Open	5
21518	Do Not Close	5
21520	Do Not Start	5
21522	Do Not Throw Switch	5
21524	Do Not Energize	5
21526	Do Not Energize (w/clear photo flap)	5
21528	Equipment Locked Out (with stripes)	5
21530	Men Working on Machinery (Bilingual)	5

Lockout Stations



- ▶ Lockout Stations serve as a convenient distribution point for lockout components; locks, tags, & hasps
- ▶ Built for most demanding conditions
- ▶ Highly visible yellow stations are easy to locate
- ▶ Made of pre-drilled durable PVC foam board
- ▶ May be purchased with or without compliance components
- ▶ Locks, Hasps & Tags not included - order separately

Cat. No.	Description	Board Size
21612	4 Lock, Lockout center, Empty	9" x 12"
21614	10 Lock, Lockout center, Empty	12" x 19"
21616	20 Lock, Lockout center, Empty	24" x 19"



Cements & Roof Flashings

- ▶ PVC Cements K1-K3
- ▶ Primers & Cleaners K2
- ▶ Access Panels K4
- ▶ Cutting Oil K4
- ▶ Roof Flashings K5-K7

Regular Bodied 303 Series Clear Cements



- ▶ Regular Bodied Clear Cement for PVC pipe and fittings up to 4" diameter for Sch. 40 pipe & up to 2" for Sch. 80 with interference fit
- ▶ Recommended application temperature 40°F to 110°F
- ▶ Sets up Quickly
- ▶ Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case
G30366S	1/4 Pt.	24	9
G30356S	1/2 Pt.	24	16
G30346S	1 Pt.	24	27
G30336S	1 Qt.	12	26
G30324	1 Gal.	6	52

Medium Bodied 404 Series Clear Cements



- ▶ Medium Bodied Clear Cement for PVC pipe and fittings up to 6" diameter for Sch. 40 and Sch. 80
- ▶ Recommended application temperature 40°F to 110°F
- ▶ Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case
G40466S	1/4 Pt.	24	9
G40456S	1/2 Pt.	24	16
G40446S	1 Pt.	24	27
G40436S	1 Qt.	12	26
G40424	1 Gal.	6	52

Medium Bodied 403 Series Gray Cements



- ▶ Medium Bodied Gray Cement for PVC pipe and fittings up to 6" diameter for Sch. 40 and Sch. 80 Conduits
- ▶ Recommended application temperature 40°F to 110°F
- ▶ Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case
G40366S	1/4 Pt.	24	9
G40356S	1/2 Pt.	24	16
G40346S	1 Pt.	24	27
G40336S	1 Qt.	12	26
G40324	1 Gal.	6	52

Polar-Weld 2600 Series - Fast Set - All Weather - Clear Cements



- ▶ Medium Bodied Clear Cement for PVC pipe and fittings up to 6" diameter for Sch. 40 and Sch. 80
- ▶ Formulated for fast initial set-up at temperatures down to -15°F to 110°F
- ▶ Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case
G2666S	1/4 Pt.	24	9
G2656S	1/2 Pt.	24	16
G2646S	1 Pt.	24	27
G2636S	1 Qt.	12	26
G2624	1 Gal.	6	52

Quick Set
Cold Weather

Plumb-Tite 2000 Series - Fast Set - Wet Application Cements



- ▶ Medium Bodied Blue Cement for PVC pipe and fittings up to 6" dia.
- ▶ Sch. 40 and Sch. 80
- ▶ Very Fast Setting Cement formulated for Wet Conditions and/or quick Pressurization and Fast Installation
- ▶ Fades to clear in sunlight
- ▶ Recommended application temperature 40° to 110°F
- ▶ Also for use on EMT Conduit
- ▶ Low-Voc Compliant, Meets ASTM-D2564

Cat. No.	Size	Case Qty	Wt/Case
G2066S	1/4 Pt.	24	9
G2056S	1/2 Pt.	24	16
G2046S	1 Pt.	24	27
G2036S	1 Qt.	12	26
G2024	1 Gal.	6	52

Quick Set
Wet Conditions

Heavy Bodied 204 Series Clear Cements



- ▶ Heavy Bodied very High Strength clear industrial cement for High Pressure, Large Diameter and Critical Applications
- ▶ For PVC pipe and fittings up to 12" diameter Sch. 40 & Sch. 80
- ▶ Heavy-Duty Bond
- ▶ Thick Formula fills gaps in large diameter pipe and loose fitting joints
- ▶ Slow Dry Time in High Temp applications
- ▶ Recommended application temperature 40°F to 110°F
- ▶ Low-Voc Compliant

Cat. No.	Size	Case Qty	Wt/Case
G20436S	1 Qt.	12	26
G20424	1 Gal.	6	52

Purple Primers 903 Series



- ▶ Purple-Tinted Aggressive Primer for use on PVC pipe and fittings
- ▶ Can be used with all schedules and diameters of pipe
- ▶ Softens the pipe surface to allow a fast, secure solvent weld
- ▶ Low-Voc Compliant, Meets NSF standards where required or specified

Cat. No.	Size	Case Qty	Wt/Case
G90366S	1/4Pt.	24	9
G90356S	1/2 Pt.	24	14
G90346S	1 Pt.	24	25
G90336S	1 Qt.	12	24
G90324	1 Gal.	6	45

Clear Primers 9300 Series



- ▶ A Clear Aggressive Primer for use on PVC pipe
- ▶ Can be used with all schedules and diameters of pipe
- ▶ Softens the pipe in preparation for solvent cement
- ▶ Does not apply a purple stain to the conduit
- ▶ Low-Voc Compliant, Meets ASTM F-656

Cat. No.	Size	Case Qty	Wt/Case
G9366S	1/4Pt.	24	9
G9356S	1/2 Pt.	24	14
G9346S	1 Pt.	24	25
G9336S	1 Qt.	12	24
G9324	1 Gal.	6	45

Purple Primer/Cleaners 8800 Series



- ▶ Purple-Tinted All Purpose Primer/Cleaner for PVC pipe and fittings
- ▶ Can be used with all schedules and diameters of pipe
- ▶ Less aggressive than clear & purple primer
- ▶ Removes surface dirt, grease & grime & softens pipe in preparation for cement
- ▶ Low-Voc Compliant

Cat. No.	Size	Case Qty	Wt/Case
G8866S	1/4Pt.	24	9
G8856S	1/2 Pt.	24	14
G8846S	1 Pt.	24	25
G8836S	1 Qt.	12	24
G8824	1 Gal.	6	45

Clear Cleaners 803 Series



- ▶ Clear Cleaner for PVC pipe and fittings
- ▶ Can be used with all schedules and diameters of pipe
- ▶ Flows freely & evaporates quickly
- ▶ Fast Acting Cleaner
- ▶ Removes surface dirt, grease and grime
- ▶ Low-Voc Compliant

Cat. No.	Size	Case Qty	Wt/Case
G80366S	1/4 Pt.	24	9
G80356S	1/2 Pt.	24	14
G80346S	1 Pt.	24	25
G80336S	1 Qt.	12	24
G80324	1 Gal.	6	42

All Purpose 6200 Series Regular Bodied Clear Cements



Formulated For:
PVC, CPVC
& ABS
Pipe & Conduit

- ▶ Regular Bodied Clear Cement for use on all schedules and classes of PVC, CPVC, ABS pipe and fittings up to 2" diameter with interference fit
- ▶ Low-Voc Solvent Cement meets California South Coast Air Quality Management District (SCAQMD) 1168/316A or BAAQMD Method 40 and various environmental requirements
- ▶ Recommended for Potable Water, Pressure Pipe and DWV
- ▶ Recommended application temperature 40°F to 110°F (4°C to 43°C)
- ▶ Meets performance requirements of ASTM D2564, D2235 and F493

Cat. No.	Size	Case Qty.	Wt/Case
G6266S	1/4 Pt.	24	9
G6256S	1/2 Pt.	24	15
G6246S	1 Pt.	24	29
G6236S	1 Qt	12	27

Black Cement 4400 Series Medium Body - ABS



Formulated For:
ABS
Pipe & Conduit

- ▶ Medium-Bodied Black Cement for use on all schedules and classes of ABS pipe and fittings up to 6" diameter with interference fit
- ▶ Low-Voc Solvent Cement meets California South Coast Air Quality Management District (SCAQMD) 1168/316A or BAAQMD Method 40 and various environmental requirements
- ▶ For all Non-Pressure Applications
- ▶ Recommended application temperature 40°F to 110°F (4°C to 43°C)
- ▶ Meets ASTM D2235

Cat. No.	Size	Case Qty.	Wt/Case
G4466S	1/4 Pt.	24	9
G4456S	1/2 Pt.	24	15
G4446S	1 Pt.	24	27
G4436S	1 Qt	12	26
G4424	1 Gal.	6	50

Orange Cement 3200 Series Medium Body



Formulated For:
CPVC
Pipe & Conduit

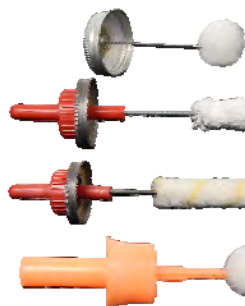
- ▶ Medium-bodied Orange Cement for use on CPVC pipe and fittings up to 6" dia.
- ▶ Low-Voc Solvent Cement meets California South Coast Air Quality Management District (SCAQMD) 1168/316A or BAAQMD Method 40 and various environmental requirements
- ▶ Recommended application temperature 40°F to 110°F (4°C to 43°C)
- ▶ Recommended for hot and cold potable water pressure pipe
- ▶ Meets ASTM F493

Cat. No.	Size	Case Qty.	Wt/Case
G3266S	1/4 Pt.	24	9
G3256S	1/2 Pt.	24	16
G3246S	1 Pt.	24	30
G3236S	1 Qt	12	29

Solvent Cement and Primer Accessories



- ▶ G31305-G30901 Standard replacement cans
- ▶ G31309-G31275 Standard replacement daubers, swab applicator & roller specifically sized for cans
- ▶ G31300-G31301 Adjustable plastic daubers fit can sizes 1/2" thru quart, designed to adjust to various can dimensions and allows application of the proper amount of cement to ensure a good solvent weld



G31309 - G31312

G31276

G31275

G31300 - G31301

Cat. No.	Size	Case Qty	Wt/Case
G31305	1/2 Pint Replacement Can	24	7
G31306	Pint Replacement Can	24	7
G31307	Quart Replacement Can	12	7
G30901	Gallon Wide Mouth Replacement Can	6	10
G31309	1/2 Pint Dauber	48	2
G31310	Pint Dauber	48	2
G31312	Quart Dauber	48	2
G31276	12" Gallon Can Swab Applicator	12	8
G31275	12" Gallon Can Roller Applicator	12	8
G31300	Adjustable Plastic Dauber w/ 1/2" Ball	48	4
G31301	Adjustable Plastic Dauber w/ 1" Ball	100	8

Access Panels



- ▶ Provides a service area for electrical, security systems, telephone, TV, computer cables, plumbing, and sprinkler system applications
- ▶ Reversible - can be flush mounted or surface mounted, no framing required
- ▶ Manufactured from high-impact ABS, White Textured surface
- ▶ UV Stabilized for outdoor use
- ▶ Can be painted, wallpapered or tiled to match any décor
- ▶ Patented clips on panel door & frame eliminates sagging or bowing of door in ceiling applications
- ▶ 34055 & 34045 have knockouts to accommodate wires, 1/4" waterlines, etc.

Cat. No.	Size	Case Qty	Wt/Case
G34055	6" x 9"	6	5
G34045	8" x 8"	6	12
G34056	14" x 14"	6	12
G34044	14" x 29"	6	15

Light Cutting Oil



- ▶ Formulated for hand thread cutting machines
- ▶ Protection helps make sharp clean threads while extending the life of dies
- ▶ Anti-mist and non-staining formula is not affected by weather

Cat. No.	Size	Case Qty	Wt/Case
G30200	1 Pt.	12	13
G30201	1 Qt.	12	26
G30202	1 Gal.	6	50

Dark Cutting Oil



- ▶ Formulated for high-speed cutting machines
- ▶ A mixture of sulphonated and chlorinated oils provides high film strength
- ▶ Keeps machines running cooler and extends the life of your dies
- ▶ Anti-mist and non-staining formula is not affected by weather

Cat. No.	Size	Case Qty	Wt/Case
G30203	1 Pt.	12	13
G30204	1 Qt.	12	26
G30205	1 Gal.	6	50

Electrical Mast Roof Flashing



- Flexible EPDM Rubber Base with Flexible Soft Aluminum Strip designed to seal to most panel configurations and roof pitches regardless of pipe location
- Resists Ozone and UV Light
- One Piece Construction for Fast Installation
- -67°F to +212°F
- IAMPO Cert. No. 3121 Approved for use with Type B Vents
- For use for Shingle Roof Applications
- Not for hot mopped or built up roofs
- Cannot use Petroleum based products or paint on flashing collar or plastic

Cat. No.	Outside Diameter of Pipe to be Flashing	Base		Case Qty	Wt/ Case
		Length	Width		
G14090	1/4" to 5-3/8"	15"	15"	4	2

SIDEFLASH Thermoplastic Self-Seal Wall Flashings



- Designed to seal around piping penetrations through outside walls
- Slips easily over vent pipe - self-sealing to vent pipe surface
- Self-sealing elastomeric collar attached to a durable flexible hard plastic base
- Collar will not crack, chip, peel or separate from base
- Eliminates caulking - prevents moisture intrusion
- no sealing compound required
- Absolutely leak-proof & fits most wall constructions
- Seals against air penetration - reduces energy costs
- Prevents bug or vermin intrusion
- Accommodates all vent types - ie: plastic, copper, steel or cast iron

Cat. No.	Outside Diameter of Pipe to be Flashing	Base		Case Qty	Wt/ Case
		Length	Width		
G12805	1/2" to 2-1/2"	8"	8.5"	12	4
G12806	3" to 6"	12"	12.5"	12	7

Thermoplastic Base Self Seal Roof Flashings



- Self-sealing elastomeric collar attached to a sturdy rigid thermoplastic base
- No caulking needed
- Absolutely leak proof
- Slips easily over pipe vent
- Self-sealing to vent pipe surface
- Self-adjusting to roof pitches up to 45°
- Base will not crack or warp
- Accommodates all vent pipe types - ie: plastic, copper, steel, cast iron
- Use in Shingled Roof Applications
- Not for hot mopped or built up roofs

Cat. No.	Outside Diameter of Pipe to be Flashing	Base		Case Qty	Wt/ Case
		Length	Width		
G14101	1-1/4" to 1-1/2"	12-7/8"	9-1/4"	12	6
G14102	2" to 2-1/2"	12-7/8"	9-1/4"	12	6
G14103	3"	15"	11-1/4"	12	8
G14104	4"	16"	12"	12	9

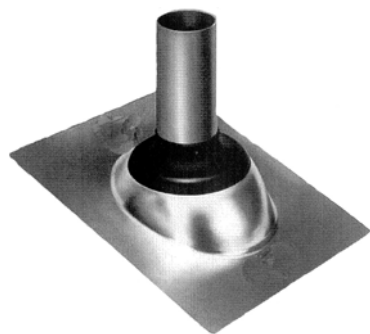
Rubber Flexible Roof Flashings



- Roof Flashing slides over vent pipe - accommodates pitch up to 40°
- Commercial or Residential Applications
- Rubber sealing collar seizes the vent pipe with a locking grip preventing leakage Accommodates all vent types - ie: plastic, copper, steel or cast iron
- One piece construction molded from military grade elastomer assures long life & all weather protection - will not crack, chip or peel; oil, ozone & UV resistant
- Flexible base conforms to wide range of roof pitches, contours & surfaces
- For use in Shingled Roof or Clay Tile Applications
- Not for use in hot mopped or built up roofs

Cat. No.	Outside Diameter of Pipe to be Flashing	Base		Case Qty	Wt/ Case
		Length	Width		
G30101	1-1/4" to 1-1/2"	11-1/4"	8-7/8"	12	6
G30102	2"	11-1/4"	8-7/8"	12	7
G14025	2-1/2"	11-1/4"	8-7/8"	12	8
G30103	3"	13-1/4"	9-7/8"	12	9
G30104	4"	14"	11-1/2"	12	13

Galvanized Self-Seal Roof Flashings



- Made of rust-proof, stamped 24 gauge galvanized steel

- Slips easily over DWV vent pipe - self-sealing to vent pipe surface, 40° pitch
- Approved for Type B Installations
- Self-sealing Non-Fading elastomeric collar
- 24 gauge galvanized steel base
- Collar will not crack, chip, peel or separate from aluminum
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all vent types - ie: plastic, copper, steel or cast iron
- For use on Shingled Roofs - not for hot mopped or built up Roofs

G12209 Multisize
Simply remove inner
ring at the indicated
point on collar

Cat. No.	Outside Diameter of Pipe to be Flashd	Base		Case Qty	Wt/ Case
		Length	Width		
G11830	1/2", 3/4", 1"	9"	12.5"	12	11
G12201	1-1/4" to 1-1/2"	12.5"	9"	12	12
G12202	2"	12.5"	9"	12	12
G12203	3"	14.5"	11"	12	17
G12204	4"	15"	12"	12	23
G12209	1-1/2", 2", 3"	11"	14.5"	12	23

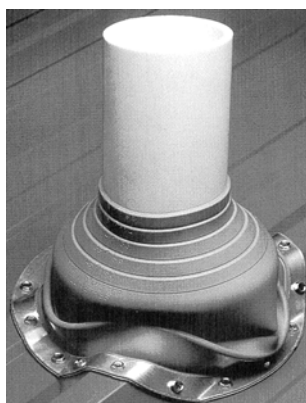
AURORA Self-Seal SOLAR Roof Flashings



- Designed to flash around solar mounting systems
- Slips easily over Conduit - self-sealing to conduit surface
- Self-sealing elastomeric tear-out collar
- Collar will not crack, chip, peel or separate from metal base
- Eliminates caulking - no sealing compound required
- Absolutely leak-proof & fits most roof sizes
- Accommodates all conduit types - ie: PVC, Aluminum, steel
- For use in Shingled Roof Applications - not for hot mopped or built up Roofs

Cat. No.	Outside Diameter of Pipe to be Flashd	Base		Material	Case Qty	Wt/ Case
		Length	Width			
G11830	1/2", 3/4", 1"	9"	12.5"	Galvanized	12	11
G11831	1/2", 3/4", 1"	18"	18"	Galvanized	12	24
G11833	1/2", 3/4", 1"	18"	18"	Aluminum	12	11
G12801	1/2" to 1-1/2"	9.5"	12.5"	Galvanized	12	10
G12802	1/2" to 1-1/2"	9.5"	12.5"	Aluminum	12	6
G12803	1-1/2" to 3"	9.5"	12.5"	Galvanized	12	10
G12804	1-1/2" to 3"	9.5"	12.5"	Aluminum	12	6

Metal Roof Flashings



- Attaches to most corrugated metal decks, aluminum, copper, lead, plastic, fiberglass, etc.
- Applications include plumbing, heating & air conditioning pipes & vents, electrical service entrances, etc.
- Flexible, weather resistant E.P.D.M. resists ozone & UV light
- Pleated cone adjusts to any roof pitch & allows for complete flexibility
- Effectively isolates the pipe from the building movement created by expansion, contraction & vibration
- -30°F to 250°F continuous service temperature range
- Compatible with steel, PVC, copper & sheet metal pipes

Cat. No.	Outside Diameter of Pipe to be Flashd	Base Diameter	Height	Case Qty	Wt/ Case
G14741	1/4" to 2"	4-3/4"	3"	10	2
G14743	1/4" to 4"	7-3/4"	4"	5	4

Master Boot Universal Roof Flashings



- ▶ Can be used with any type of Corrugated Roofing material, ie: asphalt, plastic, tile, rubber, metal, etc. (not for hot mopped or built-up roofs)
- ▶ Self-Sealing Step-Cone Boot made of Premium Grade E.P.D.M. Rubber, which gives it maximum resistance to weathering due to ozone & UV light
- ▶ Flexible Aluminum Alloy Aim assures a formed fit and corrosion resistance - excellent for Ribbed Metal Roofs
- ▶ Provides a Permanent Seal that is unaffected by expansion/contraction, vibration, ice, snow, hailstones, etc.
- ▶ Installs in about 10 minutes
- ▶ Excellent for Wall Penetrations - weathertight and airtight, inside or outside
- ▶ Easily customized with sharp knife/scissors to accommodate a broad range of diameters
- ▶ Slides over vent pipe & conforms to any roof pitch

Cat. No.	Outside Diameter of Pipe to be Flashied	Base		Case Qty	Wt/ Case
		Length	Width		
G16250	1/8" to 3/4"	2-1/4"	2-1/4"	12	2
G16251	1/4" to 2"	4-1/2"	4-1/2"	6	2
G16252	1-1/4" to 3"	6"	6"	6	3
G16253	1/4" to 4"	8"	8"	6	4

Retrofit Roof Flashings

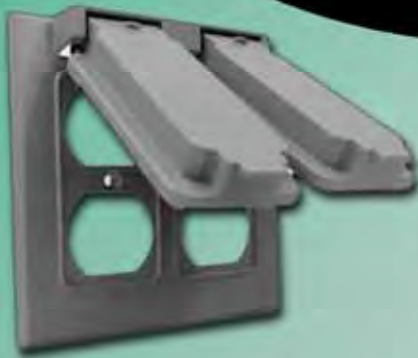


- ▶ Designed for Applications where Continuous Pipes or Obstructions prevent the use of standard flashings
- ▶ Easily installed by wrapping around existing pipe & fastening down onto roof deck
- ▶ The Pliable Cone & Stainless Steel Closure can easily be trimmed to the exact diameter of pipe to be flashed
- ▶ Unique Stainless Steel Closure effectively resists corrosion & provides a positive weatherproof seal
- ▶ Corrosion-Resistant Aluminum Base can be easily shaped to conform to most roof profiles
- ▶ Made of Flexible, Weatherproof E.P.D.M. Rubber Cone, markings in inches & millimeters
- ▶ Insulates the pipe from building movement caused by expansion, contraction, & vibration
- ▶ -30°F to 250°F continuous service temperature range

Cat. No.	Outside Diameter of Pipe to be Flashied	Base		Case Qty	Wt/ Case
		Length	Width		
G14751	1/4" to 4"	8-3/16"	8-3/16"	10	3
G14752	4" to 9-1/4"	14-1/4"	14-1/4"	5	6
G14753	9-1/4" to 16-1/4"	21-1/2"	21-1/2"	5	11

SECTION

L



Weatherproof Boxes

- ▶ While-In-Use Covers L1-L2
- ▶ WeatherProof Boxes L3-L5
- ▶ WeatherProof Covers L5-L7
- ▶ Multi-Use WeatherProof Covers L7
- ▶ Lampholders & Accessories L8

While-In-Use Weatherproof Covers



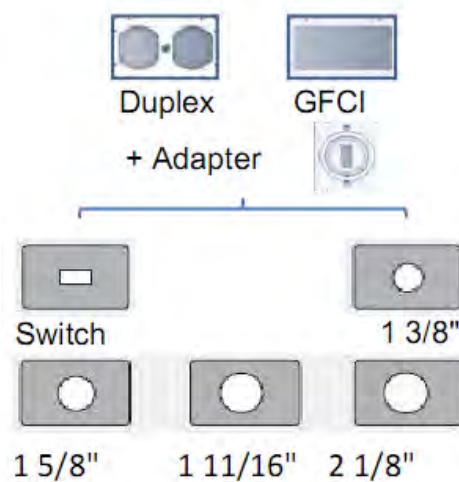
One Gang

14 In 1



Two Gang

31 In 1



- Weatherproof While-in-Use - Complies with NEC 2005 406.8 (B)(1) for receptacles in damp or wet locations
- 1 Gang - 14 Device Configurations 2 Gang - 31 Device Configurations
- One Gang Mounts Vertically or Horizontally
- Heavy Duty Hidden Hinge
- Sturdy PolyCarbonate Construction - Clear Cover
- Built-In Water Dam Design channels moisture away from interior
- Extra Large Gasketed Cord Flap for Cable Exit - Prevents Ingress of Moisture/Debris
- Lockable Latching Tab secures cover to Prevent Accidental Disconnects
- Pre-Installed Gasket
- Snap-In Device Adapter requires no tools to install
- Easy-To-Assemble building block style adapter provides flexibility and eliminates damage
- NEMA 3R rating
- *38910 2 Gang Cover will not support center mounted device

Cat. No.	Description	Depth	Length	Width	Case Qty
38900	1 Gang	3.20"	5.60"	3.85"	24
38901	1 Gang Deep	3.75"	5.60"	3.85"	24
38910*	2 Gang	2.75"	4.70"	4.70"	30
38911	2 Gang Deep	3.65"	5.60"	5.45"	10

Metal While-In-Use Weatherproof Covers - Die Cast Aluminum

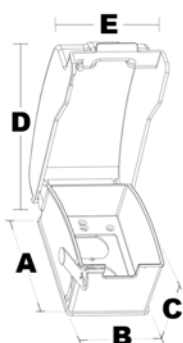


Weatherproof Boxes

L2



One Gang

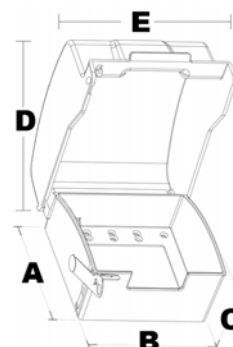


7 In 1

Extra-Duty Rated
Per 2011 NEC 406.9(B)(1)
Extra Duty Std.



Two Gang



31 In 1



- ▶ Weatherproof While-in-Use - Complies with NEC 2005 406.8 (B)(1) for receptacles in damp or wet locations & 2011 NEC 406.9(B)(1) Extra Duty Standard
- ▶ 1 Gang - 7 Device Configurations 2 Gang - 31 Device Configurations
- ▶ Patented Cover Adjustable from 2-3/4" Depth to 3-1/2" Depth if Extra Clearance is Required (2 Gang Adjustable from 3-1/2" to 4-1/2" Depth)
- ▶ One Gang Mounts Vertically or Horizontally
- ▶ Heavy Duty Reinforced Hidden Hinge - 40lb Force Rating
- ▶ Sturdy Die-Cast Aluminum Construction
- ▶ Built-In Water Dam Design channels moisture away from interior
- ▶ Extra Large Cable Exit - Prevents Ingress of Moisture/Debris
- ▶ Lockable Latching Tab secures cover to Prevent Accidental Disconnects
- ▶ Pre-Installed Gasket
- ▶ Easy-To-Assemble Building Block Style Snap-In Device Adapter requires no tools and provides flexibility and eliminates damage
- ▶ NEMA 3R rating
- ▶ cULus 514D Listed; NEMA FB-1; Federal Spec. A-A-50563
- ▶ Ground Lug Included

New! Available
November 2014

Cat. No.	Description	Color	Dimensions					Case Qty
			A	B	C	D	E	
38915	1 Gang - Vertical	Gray	4.60"	3.10"	3.00"	6.80"	3.50"	10
38912	1 Gang - Vertical	White	4.60"	3.10"	3.00"	6.80"	3.50"	10
38916	1 Gang - Horizontal	Gray	4.60"	3.10"	3.00"	6.80"	3.50"	10
38913	1 Gang - Horizontal	White	4.60"	3.10"	3.00"	6.80"	3.50"	10
38917	2 Gang	Gray	4.60"	4.60"	3.20"	6.80"	5.25"	10
38914	2 Gang	White	4.60"	4.60"	3.20"	6.80"	5.25"	10

- Includes Closure Plugs
- Detachable Lugs Provided (Except Where Noted)
- Ground Screw Installed
- Reinforced Connector Outlets
- Brackets Secured with Screws
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Packaged



FIG 1



FIG 2



FIG 3



FIG 4

One Gang – 18.3 Cubic Inch Capacity

Length 4-1/2" X Width 2-3/4" X Depth 2"

Cat. No.	Fig	Lugs	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
36000	1	No Lugs	3	1/2"	2	Gray	50
36002	1	No Lugs	3	1/2"	2	White	50
36004	1	No Lugs	3	1/2"	2	Bronze	50
36010	1	Lugs	3	1/2"	2	Gray	50
36012	1	Lugs	3	1/2"	2	White	50
36014	1	Lugs	3	1/2"	2	Bronze	50
36018	1	No Lugs	3	3/4"	2	Gray	50
36020	1	Lugs	3	3/4"	2	Gray	50
36022	1	Lugs	3	3/4"	2	White	50
36024	1	Lugs	3	3/4"	2	Bronze	50
36028	2	No Lugs	4	1/2"	2	Gray	50
36030	2	Lugs	4	1/2"	2	Gray	50
36032	2	Lugs	4	1/2"	2	White	50
36034	2	Lugs	4	1/2"	2	Bronze	50
36040	2	Lugs	4	3/4"	2	Gray	50
36050	3	Lugs	5	1/2"	2	Gray	50
36060	3	Lugs	5	3/4"	2	Gray	50
36070	4	Lugs	5	1/2"	2	Gray	50
36080	4	Lugs	5	3/4"	2	Gray	50

One Gang Deep – 23.8 Cubic Inch Capacity

Length 4-1/2" X Width 2-3/4" X Depth 2-5/8"

Cat. No.	Fig.	Lugs	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
36090	5	Lugs	3	1/2"	2	Gray	40
36100	5	Lugs	3	3/4"	2	Gray	40
36110	5	Lugs	3	1"	2	Gray	40
36120	6	Lugs	5	1/2"	2	Gray	40
36130	6	Lugs	5	3/4"	2	Gray	40
36140	6	Lugs	5	1"	2	Gray	40



FIG 5



FIG 6

Weatherproof Boxes

Two Gang – 30.5 Cubic Inch Capacity

Length 4-1/2" X Width 4-1/2" X Depth 2"



Cat. No.	Fig	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
36210	1	3	1/2"	2	Gray	40
36212	1	3	1/2"	2	White	40
36214	1	3	1/2"	2	Bronze	40
36220	1	3	3/4"	2	Gray	40
36222	1	3	3/4"	2	White	40
36224	1	3	3/4"	2	Bronze	40
36230	2	4	1/2"	2	Gray	40
36240	2	4	3/4"	2	Gray	40
36250	3	5	1/2"	2	Gray	40
36260	3	5	3/4"	2	Gray	40
36270	4	5	1/2"	2	Gray	40
36280	4	5	3/4"	2	Gray	40
36290	5	6	1/2"	2	Gray	40
36300	5	6	3/4"	2	Gray	40
36310	6	7	1/2"	2	Gray	40
36320	6	7	3/4"	2	Gray	40
36330	7	7	1/2"	2	Gray	40
36340	7	7	3/4"	2	Gray	40
36350	8	9	1/2"	2	Gray	40
36360	8	9	3/4"	2	Gray	40

Two Gang Deep – 37 Cubic Inch Capacity

Length 4-1/2" X Width 4-1/2" X Depth 2-5/8"



Cat. No.	Fig	No. of outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
36370	9	5	1/2"	2	Gray	20
36380	9	5	3/4"	2	Gray	20
36390	9	5	1"	2	Gray	20
36400	10	7	1/2"	2	Gray	20
36410	10	7	3/4"	2	Gray	20
36420	10	7	1"	2	Gray	20

Weatherproof Box Extensions & Adapter Rings

- Includes Closure Plugs
- Gasket & Mounting Screws Supplied
- Seamless Die Cast Aluminum

- Fits All Universal Type Weatherproof Boxes
- Powder Coat Finish



Cat. No.	Fig	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
One Gang Extension Ring 9.3 Cubic Inch Capacity Length 4-1/2" X Width 2-3/4" X Depth 1"						
36510	8	-	-	-	Gray	50

Two Gang Extension Ring 16.4 Cubic Inch Capacity Length 4-1/2" X Width 4-1/2" X Depth 1"						
36512	9	-	-	-	Gray	50

One Gang Flanged Box Extension Adaptor 12.8 Cubic Inch Capacity Length 5-1/4" X Width 3-1/2" X Depth 1-1/2"						
36520	10	4	1/2"	2	Gray	40
36530	10	4	3/4"	2	Gray	40
36540	11	6	1/2"	2	Gray	40
36550	11	6	3/4"	2	Gray	40

4" Round Weatherproof Boxes & Extensions



FIG 1



FIG 2

- Includes Closure Plugs
- Ground Screw Installed in Boxes
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Packaged
- Box Extensions Include Gasket

15.8 Cubic Inch Capacity – 1-1/2" Deep

Cat. No.	Fig	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
4" ROUND WEATHERPROOF BOXES						
36610	1	5	1/2"	4	Gray	40
36612	1	5	1/2"	4	White	40
36614	1	5	1/2"	4	Bronze	40
36620	1	5	3/4"	4	Gray	40
4" ROUND WEATHERPROOF BOX EXTENSIONS						
36710	2	4	1/2"	3	Gray	40
36720	2	4	3/4"	3	Gray	40

4" Round Weatherproof Covers



FIG 1



FIG 2



FIG 3



FIG 4

- Includes Closure Plugs
- Gasket & Mounting Screws Supplied
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Individually Packaged

Cat. No.	Fig	No. of Outlet Holes	Outlet Hole Dia.	No. of Closure Plugs	Finish	Box Qty
36810	1	1	1/2"	-	Gray	50
36812	1	1	1/2"	-	White	50
36814	1	1	1/2"	-	Bronze	50
36830	2	3	1/2"	1	Gray	50
36832	2	3	1/2"	1	White	50
36834	2	3	1/2"	1	Bronze	50
36840	3	3	1/2"	1	Gray	50
36842	3	3	1/2"	1	White	50
36844	3	3	1/2"	1	Bronze	50
36850	4		Blank		Gray	100

Weatherproof Switch Covers



37290



37291

- Weatherproof Protection for On-Off Switch Applications
- Seamless Die Cast Aluminum
- Powder Coat Finish
- Pre-Installed Gasket & Mounting Screws Supplied

Cat. No.	Description	Color	Case Qty
37290	Single Toggle Switch	Gray	50
37291	2 Toggle Switch	Gray	24

One Gang Weatherproof Covers



- ▶ Self Closing Lids
- ▶ Lampholder Covers Include Closure Plugs
- ▶ Gasket & Mounting Screws Included

- ▶ Seamless Die Cast Aluminum
- ▶ Powder Coat Finish
- ▶ Individually Packaged

Horizontal One Gang Covers



FIG 1



FIG 2

Cat. No.	Fig	Description	Finish	Box Qty
37010	1	Duplex Receptacle	Gray	50
37012	1	Duplex Receptacle	White	50
37014	1	Duplex Receptacle	Bronze	50
37020	2	GFCI/Decorator	Gray	50
37022	2	GFCI/Decorator	White	50
37024	2	GFCI/Decorator	Bronze	50

Vertical One Gang Covers



FIG 3



FIG 4



FIG 5



FIG 6



FIG 7



FIG 8

Cat. No.	Fig	Description	Finish	Box Qty
37110	3	Single Receptacle	Gray	50
37112	3	Single Receptacle	White	50
37114	3	Single Receptacle	Bronze	50
37120	4	Duplex Receptacle	Gray	50
37122	4	Duplex Receptacle	White	50
37124	4	Duplex Receptacle	Bronze	50
37130	5	GFCI/Decorator	Gray	50
37132	5	GFCI/Decorator	White	50
37134	5	GFCI/Decorator	Bronze	50
37140	6	Single Receptacle 1.438" Opening	Gray	50
37150	6	20A & 30A Twist Lock Receptacle 1.625" Opening	Gray	50
37160	6	30A 3 & 4 Wire Twist Lock Receptacle 1.75" Opening	Gray	50
37170	7	30A Dryer & 50A Range Receptacle 2.125" Opening	Gray	50
37180	8	Blank	Gray	100
37182	8	Blank	White	100
37184	8	Blank	Bronze	100

Rectangular Lampholder Covers



FIG 9



FIG 10

Cat. No.	Fig	Description	No. of Closure Plugs	Finish	Box Qty
37310	9	1 – 1/2" Hole	-	Gray	50
37312	9	1 – 1/2" Hole	-	White	50
37314	9	1 – 1/2" Hole	-	Bronze	50
37330	10	3 – 1/2" Hole	1	Gray	50
37332	10	3 – 1/2" Hole	1	White	50
37334	10	3 – 1/2" Hole	1	Bronze	50

Two Gang Weatherproof Covers



- ▶ Gasket & Mounting Screws Supplied
- ▶ Seamless Die Cast Aluminum
- ▶ Powder Coat Finish

- ▶ Self Closing Spring Loaded Lids
- ▶ Individually Packaged



Cat. No.	Fig	Description	Finish	Box Qty
37210	1	2 Duplex Receptacles	Gray	50
37212	1	2 Duplex Receptacles	White	50
37214	1	2 Duplex Receptacles	Bronze	50
37220	2	1 GFCI & 1 Duplex Receptacle	Gray	50
37222	2	1 GFCI & 1 Duplex Receptacle	White	50
37224	2	1 GFCI & 1 Duplex Receptacle	Bronze	50
37226	3	2 Single Receptacles	Gray	50
37230	4	1 Single Receptacle & 1 Duplex Receptacle	Gray	50
37240	5	1 GFCI & 1 Single Receptacle	Gray	50
37250	6	2 GFCI Receptacles	Gray	50
37260	7	Blank Cover	Gray	50
37262	7	Blank Cover	White	50
37264	7	Blank Cover	Bronze	50

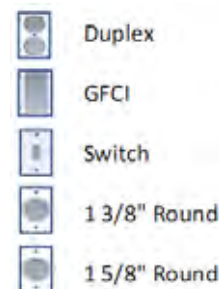
Multi-Use Weatherproof Covers



38920



38921



38922/38923

- ▶ Heavy-Duty Aluminum Die Cast Metal Construction
- ▶ 1 Gang - 10 Device Configurations
- ▶ 2 Gang - 25 Device Configurations
- ▶ 3 Gang - 125 Device Configurations
- ▶ 2 Gang w/Switch - 5 Configurations

- ▶ Heavy Duty Hidden Hinge
- ▶ Lockable Tab Feature Secures Cover
- ▶ Pre-Installed Gasket
- ▶ Snap-In device adapter requires no tools to install
- ▶ Easy-To-Assemble building block style adapters

Cat. No.	Description	Configurations	Length	Width	Case Qty
38920	1 Gang	10	4.6"	3.0"	50
38921	2 Gang	25	4.6"	4.5"	24
38922	3 Gang	125	4.6"	6.3"	20
38923	2 Gang w/Switch	5	4.6"	4.5"	50



- ▶ Gasket & Mounting Screws Supplied
- ▶ Seamless Die Cast Aluminum
- ▶ Powder Coat Finish
- ▶ For 75 Thru 150 Watt PAR 38 Lamps
- ▶ Extra Long Wire Leads for Easy Hook-Up
- ▶ Locking Swivel Knuckle Assures Positive Lamp Positioning and Provides Pinpoint Directional Aiming
- ▶ Each Lampholder Supplied With a Copper Screw Shell Porcelain Socket (37408 Aluminum Shell), Inside Gasket & 1/2" Locknut
- ▶ Press Fit Internal Heat Resistant Gasket Designed Not to Come Out When Bulb is Changed
- ▶ For Extra Waterproof Sealing Protection, Optional External Gasket #38407 available (see accessories)
- ▶ Individually Packaged

Cat. No.	Finish	Box Qty
37408	Unpainted	50
37410	Gray	50
37412	White	50
37414	Bronze	50

Hole Plugs and Accessories



FIG 1



FIG 2



FIG 3



FIG 4



FIG 5



FIG 6

GASKETS

- 1 Gang Blank
- 1 Gang Decorative
- 1 Gang Switch
- 1 Gang Single Receptacle

KO Dim: 1.43" 1.76" 2.18"

Use 37930

FIG 7

GASKETS

- 2 Gang Blank
- 2 Gang Decorative
- 2 Gang Switch
- 2 Gang Single Receptacle

Use 37934

FIG 8

Cat. No.	Fig.	Description	Finish	Bag Qty	Box Qty
37510	1	1/2" Hole plug	Gray	10	800
37512	1	1/2" Hole Plug	White	10	800
37514	1	1/2" Hole Plug	Bronze	10	800
37520	1	3/4" Hole Plug	Gray	10	500
37522	1	3/4" Hole Plug	White	10	500
37524	1	3/4" Hole Plug	Bronze	10	500
37530	1	1" Hole Plug	Gray	10	300
37540	2	1-2 Adapter	Gray	10	60
37910	3	Mounting Lug	Gray	10	500
37920	4	Lampholder Inside Gasket	—	10	300
37936	5	4" Round Gasket	—	10	100
38407	6	External Par Lampholder Gasket (37408-37414)	—	-	250
37930	7	1 Gang Switch/Receptacle/GFCI Gasket	—	10	200
37934	8	2 Gang Switch/Receptacle/GFCI Gasket	—	10	100

SECTION
M



Fittings

Conduit Bodies



M1-M10

Rigid Fittings



M11-M18

EMT Fittings



M19-M25

BX/Flex/MC Fittings



M26-M31

Liquid Tight



M32-M33

Cable Glands & Cord Grips



M34-M37

Romex Connectors



M38-M39

Services Entrance & Acc's.



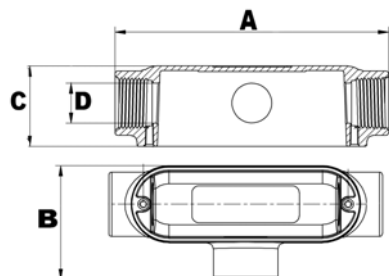
M40-M45

Blanks



M45

Aluminum Rigid Conduit Bodies T Type -Threaded



- Tapered Threaded Hubs (NPT)
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

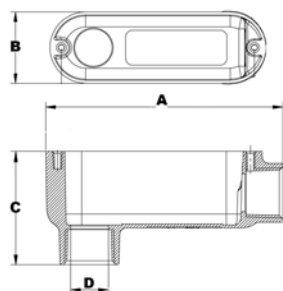
Dimensions = Inches

Cat. No	Trade Size	Dimensions -T Series				Box Qty
		A	B	C	D	
14060	1/2"	4.72	2.03	1.36	.61	50
14061	3/4"	5.51	2.30	1.63	.81	50
14062	1"	6.46	2.68	1.89	1.04	25
14063	1-1/4"	8.35	3.52	2.50	1.37	10
14064	1-1/2"	8.35	3.52	2.50	1.60	10
14065	2"	10.55	4.27	3.41	2.06	10
14066	2-1/2"	13.46	5.89	3.98	2.46	1
14067	3"	13.46	5.89	4.53	3.06	1
14068	3-1/2"	16.30	7.66	5.60	3.54	1
14069	4"	16.30	7.66	5.60	4.02	1

With Cover and Gasket

14070	1/2"	4.72	2.03	1.36	.61	50
14071	3/4"	5.51	2.30	1.63	.81	50
14072	1"	6.46	2.68	1.89	1.04	25
14073	1-1/4"	8.35	3.52	2.50	1.37	10
14074	1-1/2"	8.35	3.52	2.50	1.60	10
14075	2"	10.55	4.27	3.41	2.06	10
14076	2-1/2"	13.46	5.89	3.98	2.46	1
14077	3"	13.46	5.89	4.53	3.06	1
14078	3-1/2"	16.30	7.66	5.60	3.54	1
14079	4"	16.30	7.66	5.60	4.02	1

Aluminum Rigid Conduit Bodies LB Type -Threaded



- Tapered Threaded Hubs (NPT)
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

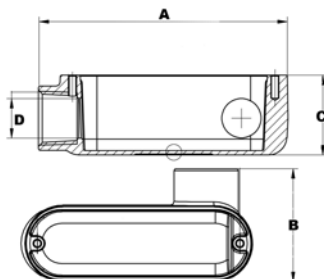
Dimensions = Inches

Cat. No	Trade Size	Dimensions-LB Series				Box Qty
		A	B	C	D	
14040	1/2"	4.31	1.34	2.09	.61	50
14041	3/4"	5.08	1.56	2.39	.81	50
14042	1"	5.92	1.82	2.78	1.04	25
14043	1-1/4"	7.82	2.51	3.52	1.37	10
14044	1-1/2"	7.82	2.51	3.52	1.60	10
14045	2"	10.05	3.19	4.51	2.06	10
14046	2-1/2"	12.83	4.49	5.31	2.46	1
14047	3"	12.83	4.49	5.91	3.06	1
14048	3-1/2"	15.65	5.55	7.09	3.54	1
14049	4"	15.65	5.55	7.09	4.02	1

With Cover and Gasket

14050	1/2"	4.31	1.34	2.09	.61	50
14051	3/4"	5.08	1.56	2.39	.81	50
14052	1"	5.92	1.82	2.78	1.04	25
14053	1-1/4"	7.82	2.51	3.52	1.37	10
14054	1-1/2"	7.82	2.51	3.52	1.60	10
14055	2"	10.05	3.19	4.51	2.06	10
14056	2-1/2"	12.83	4.49	5.31	2.46	1
14057	3"	12.83	4.49	5.91	3.06	1
14058	3-1/2"	15.65	5.55	7.09	3.54	1
14059	4"	15.65	5.55	7.09	4.02	1

Aluminum Rigid Conduit Bodies LR Type -Threaded



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

Dimensions = Inches

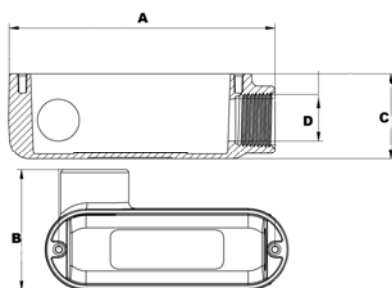
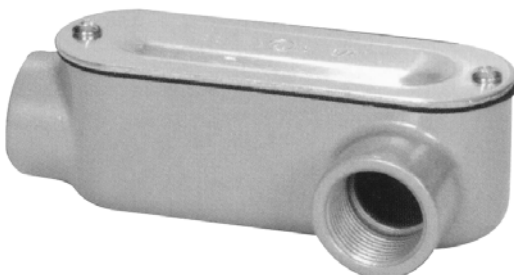
Cat. No	Trade Size	Dimensions-LR Series				Box Qty
		A	B	C	D	
14080	1/2"	4.31	2.03	1.36	.61	50
14081	3/4"	5.08	2.30	1.63	.81	50
14082	1"	5.92	2.68	1.89	1.04	25
14083	1-1/4"	7.82	3.52	2.50	1.37	10
14084	1-1/2"	7.82	3.52	2.50	1.60	10
14085	2"	10.05	4.27	3.41	2.06	10
14086	2-1/2"	12.83	5.89	3.98	2.46	1
14087	3"	12.83	5.89	4.53	3.06	1
14088	3-1/2"	15.65	7.66	5.59	3.54	1
14089	4"	15.65	7.66	5.59	4.02	1

With Cover and Gasket

14090	1/2"	4.31	2.03	1.36	.61	50
14091	3/4"	5.08	2.30	1.63	.81	50
14092	1"	5.92	2.68	1.89	1.04	25
14093	1-1/4"	7.82	3.52	2.50	1.37	10
14094	1-1/2"	7.82	3.52	2.50	1.60	10
14095	2"	10.05	4.27	3.41	2.06	10
14096	2-1/2"	12.83	5.89	3.98	2.46	1
14097	3"	12.83	5.89	4.53	3.06	1
14098	3-1/2"	15.65	7.66	5.59	3.54	1
14099	4"	15.65	7.66	5.59	4.02	1

- Tapered Threaded Hubs (NPT)
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant, Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

Aluminum Rigid Conduit Bodies LL Type -Threaded



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

Dimensions = Inches

Cat. No	Trade Size	Dimensions-LL Series				Box Qty
		A	B	C	D	
14100	1/2"	4.31	2.03	1.36	.61	50
14101	3/4"	5.08	2.30	1.63	.81	50
14102	1"	5.92	2.68	1.89	1.04	25
14103	1-1/4"	7.82	3.52	2.50	1.37	10
14104	1-1/2"	7.82	3.52	2.50	1.60	10
14105	2"	10.05	4.27	3.41	2.06	10
14106	2-1/2"	12.83	5.89	3.98	2.46	1
14107	3"	12.83	5.89	4.53	3.06	1
14108	3-1/2"	15.65	7.66	5.59	3.54	1
14109	4"	15.65	7.66	5.59	4.02	1

With Cover and Gasket

14110	1/2"	4.31	2.03	1.36	.61	50
14111	3/4"	5.08	2.30	1.63	.81	50
14112	1"	5.92	2.68	1.89	1.04	25
14113	1-1/4"	7.82	3.52	2.50	1.37	10
14114	1-1/2"	7.82	3.52	2.50	1.60	10
14115	2"	10.05	4.27	3.41	2.06	10
14116	2-1/2"	12.83	5.89	3.98	2.46	1
14117	3"	12.83	5.89	4.53	3.06	1
14118	3-1/2"	15.65	7.66	5.59	3.54	1
14119	4"	15.65	7.66	5.59	4.02	1

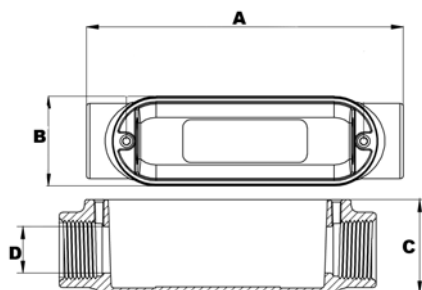
- Tapered Threaded Hubs (NPT)
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant, Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

Aluminum Rigid Conduit Bodies C Type-Threaded



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

Dimensions = Inches



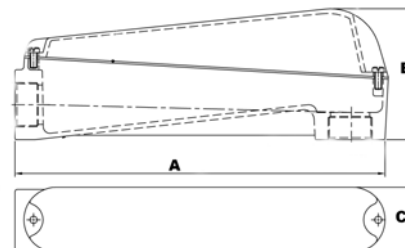
- ▶ Tapered Threaded Hubs (NPT)
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant, Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

Cat. No	Trade Size	Dimensions-C Series				Box Qty
		A	B	C	D	
14120	1/2"	4.72	1.34	1.36	.61	50
14121	3/4"	5.51	1.56	1.63	.81	50
14122	1"	6.46	1.82	1.89	1.04	25
14123	1-1/4"	8.35	2.51	2.50	1.37	10
14124	1-1/2"	8.35	2.51	2.50	1.60	10
14125	2"	10.55	3.19	3.41	2.06	10
14126	2-1/2"	13.46	4.49	3.98	2.46	1
14127	3"	13.46	4.49	4.53	3.06	1
14128	3-1/2"	16.30	5.55	5.59	3.54	1
14129	4"	16.30	5.55	5.59	4.02	1

With Cover and Gasket

14130	1/2"	4.72	1.34	1.36	.61	50
14131	3/4"	5.51	1.56	1.63	.81	50
14132	1"	6.46	1.82	1.89	1.04	25
14133	1-1/4"	8.35	2.51	2.50	1.37	10
14134	1-1/2"	8.35	2.51	2.50	1.60	10
14135	2"	10.55	3.19	3.41	2.06	10
14136	2-1/2"	13.46	4.49	3.98	2.46	1
14137	3"	13.46	4.49	4.53	3.06	1
14138	3-1/2"	16.30	5.55	5.59	3.54	1
14139	4"	16.30	5.55	5.59	4.02	1

Aluminum Mogul Bodies



- ▶ Larger body size facilitates pulling of large and heavy conductors
- ▶ Specially designed raised cast covers provide additional wiring area
- ▶ Moguls are used for pulling straight, 45° or 90° angle turns and/or making taps and splices
- ▶ Exclusive built-in rollers facilitate cable pulling
- ▶ Smooth, rounded integral bushing in each hub protects conductor insulation
- ▶ Accurately tapped, tapered threads for tight, rigid joints and ground continuity
- ▶ Covers have captive stainless steel screws to speed installation, prevent 'freezing' of screws
- ▶ Includes cellulose/rubber Flex Sealing Gasket
- ▶ Length Requirement: distance between centerline of each hub bushing (conduit stop) exceeds six times the trade diameter of the conduit

With Cover & Gasket

Dimensions = Inches

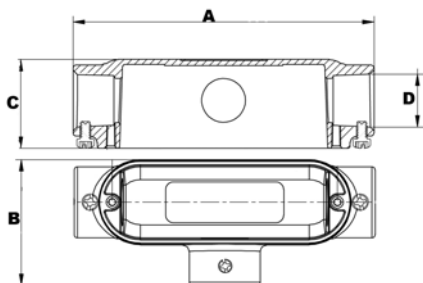
Cat. No	Trade Size	Dimensions			Wire Size	Box Qty
		A	B	C		
14300	1-1/4"	9.65	3.54	2.50	3 #1/0 AWG	2
14301	1-1/2"	14.53	5.41	3.13	3 #3/0 AWG	1
14302	2"	14.53	5.41	3.13	3 #300 MCM	1
14303	2-1/2"	22.01	7.54	4.53	3 #400 MCM	1
14304	3"	22.01	7.54	4.53	3 #700 MCM	1
14305	3-1/2"	28.84	8.94	5.51	3 #900 MCM	1
14306	4"	28.84	8.94	5.51	3 #1000 MCM	1

Aluminum EMT Set Screw Conduit Bodies T Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls



Dimensions = Inches

Cat. No	Trade Size	Dimensions-T Series				Box Qty
		A	B	C	D	
14160	1/2"	4.75	2.03	1.36	.72	50
14161	3/4"	5.51	2.30	1.63	.96	50
14162	1"	6.46	2.68	1.89	1.18	25
14163	1-1/4"	8.35	3.52	2.50	1.53	10
14164	1-1/2"	8.36	3.52	2.50	1.76	10
14165	2"	10.55	4.27	3.41	2.21	10

With Cover and Gasket

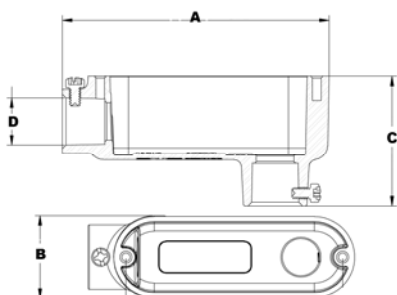
Cat. No	Trade Size	A	B	C	D	Box Qty
14170	1/2"	4.75	2.03	1.36	.72	50
14171	3/4"	5.51	2.30	1.63	.96	50
14172	1"	6.46	2.68	1.89	1.18	25
14173	1-1/4"	8.35	3.52	2.50	1.53	10
14174	1-1/2"	8.36	3.52	2.50	1.76	10
14175	2"	10.55	4.27	3.41	2.21	10

Aluminum EMT Set Screw Conduit Bodies LB Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls



Dimensions = Inches

Cat. No	Trade Size	Dimensions-LB Series				Box Qty
		A	B	C	D	
14140	1/2"	4.31	1.34	2.09	.72	50
14141	3/4"	5.08	1.56	2.39	.96	50
14142	1"	5.92	1.82	2.78	1.18	25
14143	1-1/4"	7.82	2.51	3.52	1.53	10
14144	1-1/2"	7.82	2.51	3.52	1.76	10
14145	2"	10.05	3.19	4.51	2.21	10

With Cover and Gasket

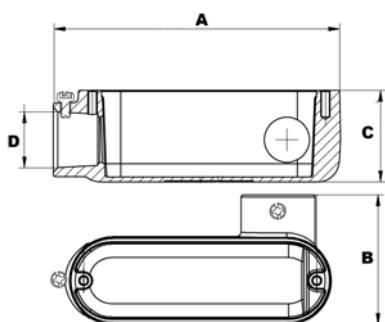
Cat. No	Trade Size	A	B	C	D	Box Qty
14150	1/2"	4.31	1.34	2.09	.72	50
14151	3/4"	5.08	1.56	2.39	.96	50
14152	1"	5.92	1.82	2.78	1.18	25
14153	1-1/4"	7.82	2.51	3.52	1.53	10
14154	1-1/2"	7.82	2.51	3.52	1.76	10
14155	2"	10.05	3.19	4.51	2.21	10

Aluminum EMT Set Screw Conduit Bodies LR Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

- Set Screw for EMT Conduit
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls



Dimensions = Inches

Cat. No	Trade Size	Dimensions-LR Series				Box Qty
		A	B	C	D	
14180	1/2"	4.31	2.03	1.36	.72	50
14181	3/4"	5.08	2.30	1.63	.96	50
14182	1"	5.92	2.68	1.89	1.18	25
14183	1-1/4"	7.82	3.52	2.50	1.52	10
14184	1-1/2"	7.82	3.52	2.50	1.76	10
14185	2"	10.05	4.27	3.41	2.21	10

With Cover and Gasket

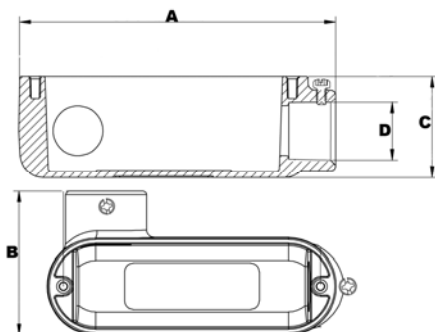
Cat. No	Trade Size	A	B	C	D	Box Qty
14190	1/2"	4.31	2.03	1.36	.72	50
14191	3/4"	5.08	2.30	1.63	.96	50
14192	1"	5.92	2.68	1.89	1.18	25
14193	1-1/4"	7.82	3.52	2.50	1.52	10
14194	1-1/2"	7.82	3.52	2.50	1.76	10
14195	2"	10.05	4.27	3.41	2.21	10

Aluminum EMT Set Screw Conduit Bodies LL Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

- Set Screw for EMT Conduit
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls



Dimensions = Inches

Cat. No	Trade Size	Dimensions-LL Series				Box Qty
		A	B	C	D	
14200	1/2"	4.31	2.03	1.36	.72	50
14201	3/4"	5.08	2.30	1.63	.96	50
14202	1"	5.92	2.68	1.89	1.18	25
14203	1-1/4"	7.82	3.52	2.50	1.52	10
14204	1-1/2"	7.82	3.52	2.50	1.76	10
14205	2"	10.05	4.27	3.41	2.21	10

With Cover and Gasket

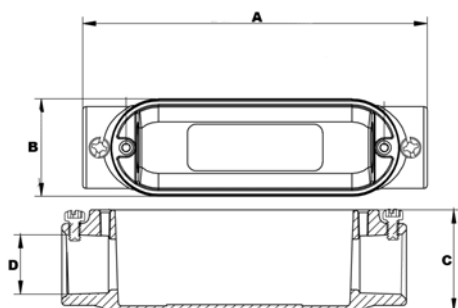
Cat. No	Trade Size	A	B	C	D	Box Qty
14210	1/2"	4.31	2.03	1.36	.72	50
14211	3/4"	5.08	2.30	1.63	.96	50
14212	1"	5.92	2.68	1.89	1.18	25
14213	1-1/4"	7.82	3.52	2.50	1.52	10
14214	1-1/2"	7.82	3.52	2.50	1.76	10
14215	2"	10.05	4.27	3.41	2.21	10

Aluminum EMT Set Screw Conduit Bodies Type C



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

- Set Screw for EMT Conduit
- RainTight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls



Dimensions = Inches

Cat. No	Trade Size	Dimensions-C Series				Box Qty
		A	B	C	D	
14220	1/2"	4.72	1.34	1.36	.72	50
14221	3/4"	5.51	1.56	1.63	.96	50
14222	1"	6.46	1.82	1.89	1.18	25
14223	1-1/4"	8.35	2.51	2.50	1.52	10
14224	1-1/2"	8.35	2.51	2.50	1.76	10
14225	2"	10.55	3.19	3.41	2.21	10

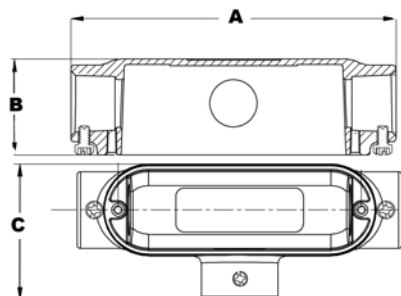
With Cover and Gasket

14230	1/2"	4.72	1.34	1.36	.72	50
14231	3/4"	5.51	1.56	1.63	.96	50
14232	1"	6.46	1.82	1.89	1.18	25
14233	1-1/4"	8.35	2.51	2.50	1.52	10
14234	1-1/2"	8.35	2.51	2.50	1.76	10
14235	2"	10.55	3.19	3.41	2.21	10

Conduit Bodies
Fittings

M6

Aluminum Combination Conduit Bodies T Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

- ▶ Threaded for Rigid & IMC Conduits
- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

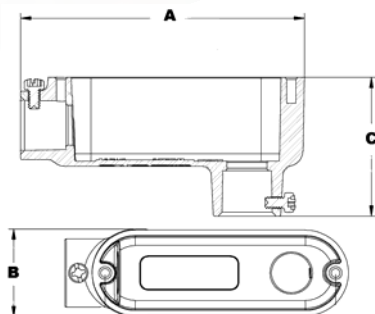
Dimensions = Inches

Cat. No	Trade Size	Dimensions-T Series			Box Qty
		A	B	C	
14252	1/2"	4.72	1.36	2.03	50
14253	3/4"	5.51	1.63	2.30	50
14254	1"	6.46	1.89	2.68	25
14255	1-1/4"	8.35	2.50	3.52	10
14256	1-1/2"	8.35	2.50	3.52	10
14257	2"	10.55	3.41	4.27	10

With Cover and Gasket

14258	1/2"	4.72	1.36	2.03	50
14259	3/4"	5.51	1.63	2.30	50
14260	1"	6.46	1.89	2.68	25
14261	1-1/4"	8.35	2.50	3.52	10
14262	1-1/2"	8.35	2.50	3.52	10
14263	2"	10.55	3.41	4.27	10

Aluminum Combination Conduit Bodies LB Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

- ▶ Threaded for Rigid & IMC Conduits
- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

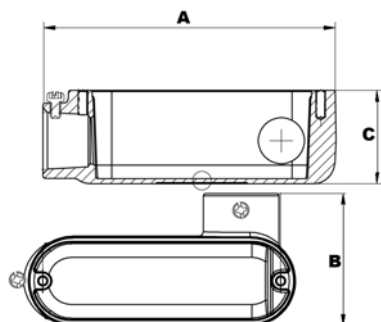
Dimensions = Inches

Cat. No	Trade Size	Dimensions-LB Series			Box Qty
		A	B	C	
14240	1/2"	4.31	1.34	2.09	50
14241	3/4"	5.08	1.56	2.39	50
14242	1"	5.92	1.82	2.78	25
14243	1-1/4"	7.82	2.51	3.52	10
14244	1-1/2"	7.82	2.51	3.52	10
14245	2"	10.05	3.19	4.51	10

With Cover and Gasket

14246	1/2"	4.31	1.34	2.09	50
14247	3/4"	5.08	1.56	2.39	50
14248	1"	5.92	1.82	2.78	25
14249	1-1/4"	7.82	2.51	3.52	10
14250	1-1/2"	7.82	2.51	3.52	10
14251	2"	10.05	3.19	4.51	10

Aluminum Combination Conduit Bodies LR Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

- ▶ Threaded for Rigid & IMC Conduits
- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

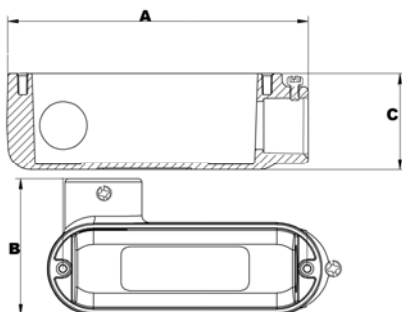
Dimensions = Inches

Cat. No	Trade Size	Dimensions-LR Series			Box Qty
		A	B	C	
14264	1/2"	4.31	2.03	1.36	50
14265	3/4"	5.08	2.30	1.63	50
14266	1"	5.92	2.68	1.89	25
14267	1-1/4"	7.82	3.52	2.50	10
14268	1-1/2"	7.82	3.52	2.50	10
14269	2"	10.05	4.27	3.41	10

With Cover and Gasket

14270	1/2"	4.31	2.03	1.36	50
14271	3/4"	5.08	2.30	1.63	50
14272	1"	5.92	2.68	1.89	25
14273	1-1/4"	7.82	3.52	2.50	10
14274	1-1/2"	7.82	3.52	2.50	10
14275	2"	10.05	4.27	3.41	10

Aluminum Combination Conduit Bodies LL Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

- ▶ Threaded for Rigid & IMC Conduits
- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

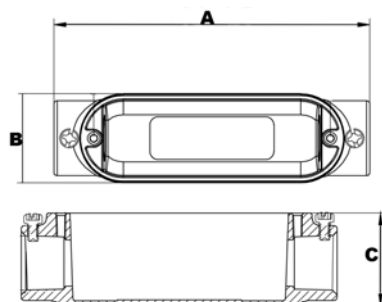
Dimensions = Inches

Cat. No	Trade Size	Dimensions-LL Series			Box Qty
		A	B	C	
14276	1/2"	4.31	2.03	1.36	50
14277	3/4"	5.08	2.30	1.63	50
14278	1"	5.92	2.68	1.89	25
14279	1-1/4"	7.82	3.52	2.50	10
14280	1-1/2"	7.82	3.52	2.50	10
14281	2"	10.05	4.27	3.41	10

With Cover and Gasket

14282	1/2"	4.31	2.03	1.36	50
14283	3/4"	5.08	2.30	1.63	50
14284	1"	5.92	2.68	1.89	25
14285	1-1/4"	7.82	3.52	2.50	10
14286	1-1/2"	7.82	3.52	2.50	10
14287	2"	10.05	4.27	3.41	10

Aluminum Combination Conduit Bodies C Type



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

- ▶ Threaded for Rigid & IMC Conduits
- ▶ Set Screw for EMT Conduit
- ▶ RainTight when used with Gasketed Covers
- ▶ Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

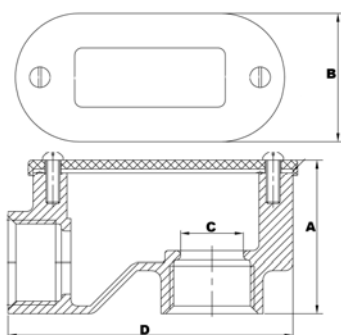
Dimensions = Inches

Cat. No	Trade Size	Dimensions-C Series			Box Qty
		A	B	C	
14288	1/2"	4.72	1.34	1.36	50
14289	3/4"	5.51	1.56	1.63	50
14290	1"	6.46	1.82	1.89	25
14291	1-1/4"	8.35	2.51	2.50	10
14292	1-1/2"	8.35	2.51	2.50	10
14293	2"	10.55	3.19	3.41	10

With Cover and Gasket

14294	1/2"	4.72	1.34	1.36	50
14295	3/4"	5.51	1.56	1.63	50
14296	1"	6.46	1.82	1.89	25
14297	1-1/4"	8.35	2.51	2.50	10
14298	1-1/2"	8.35	2.51	2.50	10
14299	2"	10.55	3.19	3.41	10

Aluminum Service Entrance Condulets



- ▶ Tapered Threaded Hubs (NPT)
- ▶ Raintight with Gasketed covers
- ▶ Die Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- ▶ Flat Back Design for easy mounting close to walls

With Gasketed Cover Dimensions = Inches

Cat. No	Trade Size	Dimensions				Box Qty
		A	B	C	D	
14307	1/2"	1.59	1.38	.59	3.15	300
14308	3/4"	1.89	1.71	.78	3.58	175
14310	1-1/4"	2.05	1.93	1.00	4.17	60
14313*	1-1/4"	2.56	2.48	1.31	7.78	32
14314*	2"	3.68	3.13	1.99	10.10	12

*Extra Long

Steel Conduit Body Covers

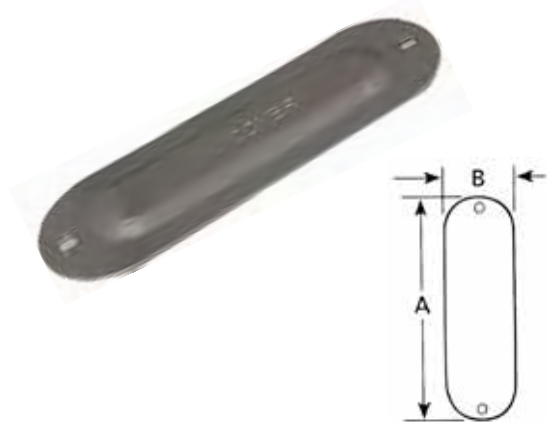


- Used with Conduit Body to cover opening
- Assembled with captive zinc plated steel screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14002	1/2"	3.90	1.34	25	250
14003	3/4"	4.67	1.54	25	200
14004	1"	5.37	1.79	10	100
14005	1-1/4" - 1-1/2"	7.28	2.50	-	50
14006	2"	9.49	3.15	-	50
14007	2-1/2" - 3"	12.21	4.53	-	20
14008	3-1/2" - 4"	14.96	5.51	-	10

Aluminum Conduit Body Covers

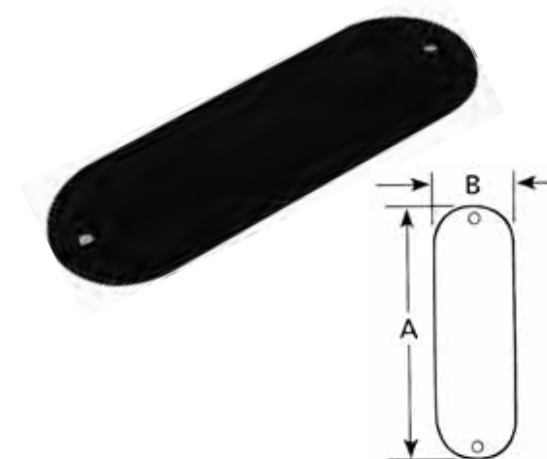


- Used with Conduit Body to cover opening
- Stamped from high-strength corrosion and weather resistant copper-free aluminum alloy
- Assembled with captive zinc plated steel screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14010	1/2"	3.88	1.34	10	250
14011	3/4"	4.67	1.56	10	250
14012	1"	5.39	1.77	10	100
14013	1-1/4" - 1-1/2"	7.28	2.50	10	50
14014	2"	9.47	3.13	10	50
14015	2-1/2" - 3"	12.21	4.53	-	25
14016	3-1/2" - 4"	14.96	5.51	-	20

Neoprene Rubber Conduit Body Gasket

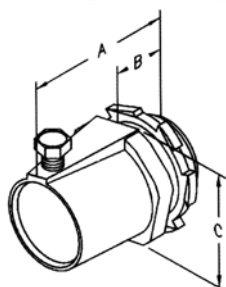


- Gasket used with Conduit Body for a rain tight seal

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14030	1/2"	3.90	1.34	100	1000
14031	3/4"	4.67	1.54	100	1000
14032	1"	5.37	1.73	50	500
14033	1-1/4" - 1-1/2"	7.28	2.50	50	500
14034	2"	9.49	3.15	30	300
14035	2-1/2" - 3"	12.21	4.53	10	100
14036	3-1/2" - 4"	14.96	5.51	10	100

Malleable Rigid Set Screw Box Connector

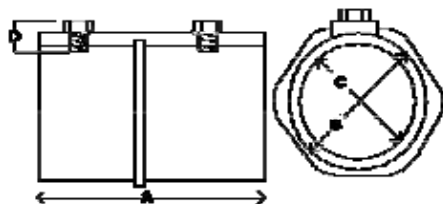


- Connect Thread-less Rigid Conduit to boxes and enclosures
- Malleable Iron
- Concrete Tight
- Male Hub Thread (NPT)
- Zinc Finish

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14340	1/2"	1.39	.455	1.10	25	250
14341	3/4"	1.68	.500	1.39	25	250
14342	1"	1.75	.500	1.61	25	100
14343	1-1/4"	1.90	.66	1.90	5	50
14344	1-1/2"	2.45	.66	2.22	5	50
14345	2"	2.55	.68	2.75	-	20

Malleable Rigid Set Screw Couplings

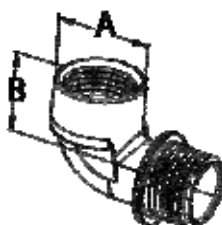


- Couple Sections of Thread-less Rigid Conduit together
- Malleable Iron
- Concrete Tight
- Zinc Finish

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
14350	1/2"	1.77	1.07	.86	.63	25	250
14351	3/4"	2.13	1.35	1.05	.63	25	250
14352	1"	2.62	1.59	1.36	.63	10	100
14353	1-1/4"	2.81	1.91	1.69	.63	5	50
14354	1-1/2"	2.91	2.01	1.90	.63	5	50
14355	2"	3.38	2.70	2.40	.63	-	20
14356	2-1/2"	3.73	3.45	2.92	.63	-	12
14357	3"	4.10	3.95	3.52	.63	-	12
14358	3-1/2"	4.52	4.45	4.10	.63	-	6
14359	4"	5.62	5.01	4.52	.63	-	6

Rigid Short Radius Elbows

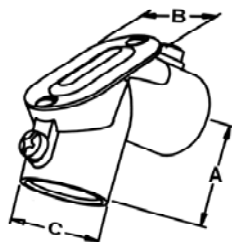


- For Connecting Rigid Conduit or IMC to an Outlet Box in Tight Radius Applications

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14408	1/2"	.95	.95	25	250
14409	3/4"	1.16	1.00	15	150

Rigid to Rigid Pull Elbows - Zinc Die Cast

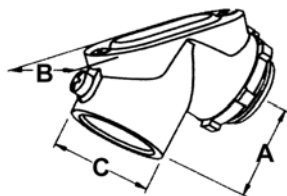


- For use as a Wire Pulling Elbow to Facilitate Wire Pulling on a Sharp Bend in run of Threaded Rigid or IMC Conduit
- Removable Cover allows easy access to facilitate wire pulling
- Furnished with Neoprene Gasket and Cover
- Rain Tight

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Outer Box
		A	B	C	
14400	1/2"	1.34	1.03	.97	100
14401	3/4"	1.40	1.30	1.23	50
14402	1"	1.97	1.55	1.51	30
14403	1-1/4"	2.32	1.90	1.91	20

Rigid to Box Pull Elbows - Zinc Die Cast

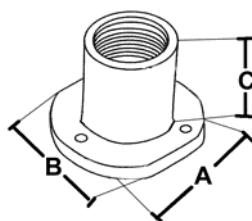


- For Connecting Threaded Rigid Conduit or IMC to Box or Enclosures to Form 90° bend.
- Removable Cover allows easy access to Facilitate Wire Pulling
- Furnished with Neoprene Gasket and Cover
- Rain Tight

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Outer Box
		A	B	C	
14404	1/2"	1.34	1.03	.97	100
14405	3/4"	1.40	1.30	1.19	50
14406	1"	1.97	1.55	1.51	30
14407	1-1/4"	2.32	1.90	1.91	20

Straight Malleable Concrete Slab Inserts For Threaded Rigid Conduit

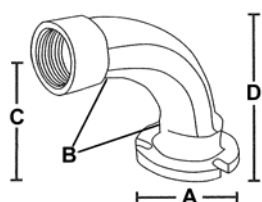


- Allows In-Slab Ceiling Drops & Floor Mounts in Poured Concrete
- Provides Flush Threaded Conduit Hub for mounting, pulling, & future access to conduit systems
- Design allows In-Slab Conduit System Prefabrication
- Designed for Straight Through Conduit Runs and Mounting of Floor boxes in slabs over 6" thick

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Outer Box
		A	B	C	
14420	1/2"	1.50	1.75	1.25	20
14421	3/4"	2.72	2.00	1.75	20
14422	1"	2.50	3.25	1.50	10

90° Malleable Concrete Slab Inserts For Threaded Rigid Conduit

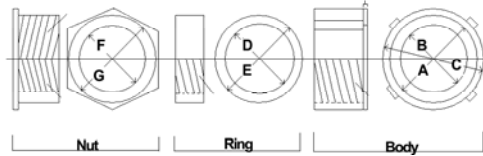


- Allows In-Slab Ceiling Drops & Floor Mounts in Poured Concrete
- Provides Flush Threaded Conduit Hub for mounting, pulling, and future access to conduit systems
- Allows In-Slab Conduit System Prefabrication - Flush Design
- Designed to Eliminate Bending of conduit in slabs over 4" thick

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Outer Box
		A	B	C	D	
14423	1/2"	1.50	1.75	3.12	3.62	20
14424	3/4"	2.75	2.00	3.06	3.68	20
14425	1"	2.50	3.75	2.93	3.68	10

Malleable Rigid 3-Piece Couplings

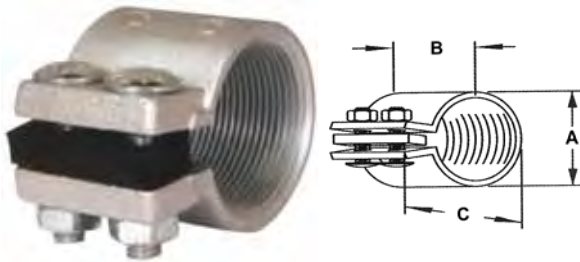


- Used to Join 2 lengths of Threaded Conduit when Neither Can Be Rotated
- Threaded (NPT) for Rigid Conduit and IMC
- Concrete Tight

Dimensions = Inches

Cat. No.	Trade Size	Dimensions							Inner Box	Outer Box
		A	B	C	D	E	F	G		
14440	1/2"	1.01	.869	1.30	.788	.981	.775	1.05	20	200
14441	3/4"	1.20	1.10	1.55	.970	1.19	.965	1.25	10	100
14442	1"	1.52	1.33	1.78	1.22	1.50	1.23	1.58	5	50
14443	1-1/4"	1.91	1.699	2.20	1.58	1.85	1.56	1.90	5	50
14444	1-1/2"	2.15	1.93	2.50	1.83	2.10	1.78	2.20	3	30
14445	2"	2.65	2.40	3.08	2.25	2.58	2.25	2.75	-	20
14446	2-1/2"	3.20	2.90	3.75	2.70	3.10	2.70	3.31	-	10
14447	3"	3.85	3.58	4.40	3.35	3.82	3.30	4.40	-	5
14448	3-1/2"	4.09	4.05	5.04	4.10	4.15	4.00	4.90	-	5
14449	4"	4.89	4.55	5.40	4.30	4.85	4.33	5.02	-	2
14450	5"	5.89	5.55	6.75	5.43	5.84	5.43	5.93	-	1
14451	6"	6.93	6.62	7.62	6.50	6.81	6.50	6.87	-	1

Malleable Rigid Split Couplings

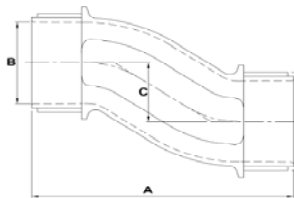


- A Speed Union for Economically Joining 2 Threaded Rigid Metal Conduits
- A Neoprene Gasket provides a Concrete Tight Seal at the Joint
- Use where Conduit Runs are Closely Spaced; or Conduit is tight against Wall, Ceiling or other Obstruction
- Use where Conduits Cannot be Rotated

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14452	2"	2.75	2.04	3.30	-	25
14453	2-1/2"	3.20	2.98	4.23	2	10
14454	3"	3.85	3.14	4.85	2	10
14455	3-1/2"	4.48	3.26	5.36	1	5
14456	4"	4.83	3.34	6.07	1	5

Rigid Offset Nipples - Zinc Die Cast



- Use as an Offset Connector between Two Enclosures
- To Offset the Axis of Raceways 3/4"

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14460	1/2"	2.42	.59	.75	35	350
14461	3/4"	2.42	.78	.75	20	200
14462	1"	2.58	1.00	.75	15	150
14463	1-1/4"	2.83	1.32	.75	5	50
14464	1-1/2"	2.87	1.53	.75	5	50
14465	2"	3.11	1.99	.75	3	30
14466	2-1/2"	4.13	2.35	.75	-	18
14467	3"	4.47	2.95	.75	-	15

1" Long Conduit Speed Nipple - Zinc Die Cast

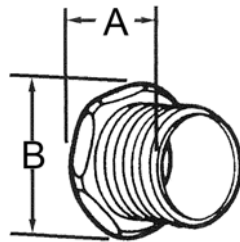


- Use with Rigid Coupling to Terminate Threaded Conduit to a Knockout, Box or Enclosure, where space is limited within the box
- Use with a Locknut to provide a Short Raceway between Boxes and enclosures

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14502	1/2"	1.04	1.00	100	1000
14503	3/4"	1.34	1.00	50	500
14504	1"	1.63	1.00	25	250

Rigid Nipples - Zinc Die Cast

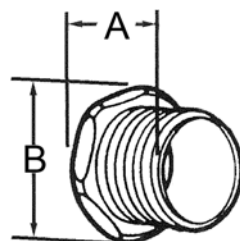


- Use with Rigid Coupling to Terminate Threaded Conduit to a Knockout, Box or Enclosure, where space is limited within the box
- Used with a Locknut to provide a Short Raceway between Boxes and Enclosures

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14480	1/2"	.64	0.98	100	1000
14481	3/4"	.72	1.18	100	1000
14482	1"	.81	1.50	50	500
14483	1-1/4"	.94	1.77	25	250
14484	1-1/2"	1.07	2.17	25	150
14485	2"	1.08	2.60	15	90
14486	2-1/2"	1.09	3.09	-	20
14487	3"	1.25	3.71	-	20
14488	3-1/2"	1.27	4.24	-	10
14489	4"	1.27	4.70	-	10

Rigid Nipples with Insulated Throat - Zinc

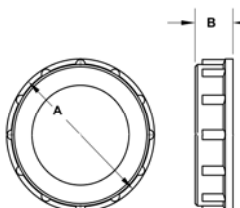


- Use with Rigid Coupling to Terminate Threaded Conduit to a Knockout, Box or Enclosure where space is limited within the box
- Used with a Locknut to provide a Short Raceway between Boxes and Enclosures
- Insulated Throat

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14490	1/2"	.68	0.98	100	1000
14491	3/4"	.82	1.18	100	1000
14492	1"	.85	1.50	50	500
14493	1-1/4"	1.00	1.77	25	250
14494	1-1/2"	1.13	2.17	25	150
14495	2"	1.14	2.60	15	90
14496	2-1/2"	1.16	3.09	-	20
14497	3"	1.33	3.71	-	20
14498	3-1/2"	1.35	4.24	-	10
14499	4"	1.35	4.70	-	10

Thermoplastic Conduit Bushings

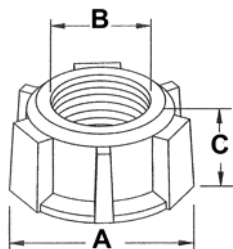


- Use with Locknut to Protect Conductors in Rigid or IMC Conduit from Abrasion/Damage during Pull
- Rounded surface of bushing prevents damage to wire insulation
- Thermoplastic material-heat, impact & torque resistant

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
21732	1/2"	1.06	0.43	100	1000
21733	3/4"	1.31	0.43	100	1000
21734	1"	1.59	0.48	50	500
21735	1-1/4"	1.96	0.56	25	250
21736	1-1/2"	2.18	0.56	25	250
21737	2"	2.68	0.59	20	200
21738	2-1/2"	3.25	0.72	-	50
21739	3"	3.87	0.75	-	25
21740	3-1/2"	4.37	0.77	-	25
21741	4"	5.00	0.77	-	10
21742	5"	6.25	1.00	-	10
21743	6"	7.50	1.00	-	10

Conduit Bushings - Zinc Die Cast

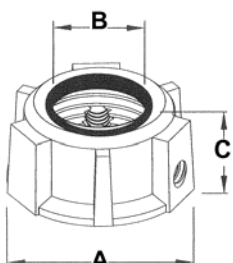


- Used with a locknut to terminate threaded Rigid and IMC conduit to a box or enclosure
- Bushings rounded surface prevents damage to wire insulation during pulling

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14530	1/2"	1.04	.59	.41	140	1400
14531	3/4"	1.28	.78	.43	100	1000
14532	1"	1.54	1.00	.49	50	500
14533	1-1/4"	1.89	1.31	.51	30	300
14534	1-1/2"	2.17	1.53	.51	20	200
14535	2"	2.64	1.99	.51	15	150
14536	2-1/2"	3.19	2.39	.73	-	75
14537	3"	3.82	2.99	.73	-	65
14538	3-1/2"	4.31	3.47	.73	-	50
14539	4"	4.84	3.95	.73	-	40

Conduit Bushings with Insulated Throat - Zinc Die Cast

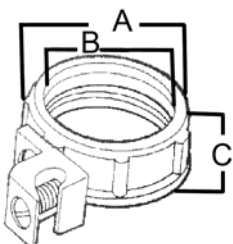


- Used with a locknut to terminate threaded Rigid and IMC conduit to a box or enclosure
- Bushings rounded surface prevents damage to wire insulation during pulling
- Insulated Throat

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14540	1/2"	1.06	.53	.45	140	1400
14541	3/4"	1.28	.78	.47	100	1000
14542	1"	1.53	1.00	.53	50	500
14543	1-1/4"	1.89	1.31	.59	30	300
14544	1-1/2"	2.17	1.53	.59	20	200
14545	2"	2.64	1.99	.59	15	150
14546	2-1/2"	3.19	2.63	.79	-	75
14547	3"	3.82	2.95	.81	-	65
14548	3-1/2"	4.31	3.41	.81	-	50
14549	4"	4.84	3.91	.81	-	40

Grounding Bushing Insulated Throat with Aluminum Lug - Zinc



- Used with a locknut to terminate threaded Rigid & IMC conduit to a box or enclosure and to provide a smooth pulling surface
- Thermoplastic liner prevents damage to wire insulation
- Lug provides for bonding jumper to a neutral bus bar
- Resists corrosion, chemicals, and temperature extremes
- Set-screw provided with each fitting locks bushing in any desired position

Dimensions = Inches

Cat. No.	Trade Size	Grounding Lug Range	Dimensions			Inner Box	Outer Box
			A	B	C		
14570	1/2"	#14 - #4	1.06	.59	.53	50	500
14571	3/4"	#14 - #4	1.28	.78	.53	40	400
14572	1"	#14 - #4	1.53	1.00	.63	25	250
14574	1-1/4"	#14 - #4	1.87	1.31	.65	25	250
14576	1-1/2"	#14 - #2	2.17	1.52	.69	25	250
14578	2"	#14 - #2	2.66	1.99	.69	10	100
14579	2-1/2"	#14 - #1/0	3.23	2.34	.91	5	50
14581	3"	#14 - #1/0	3.84	2.95	.91	5	50
14583	3-1/2"	#14 - #2/0	4.33	3.39	.91	4	40
14585	4"	#14 - #2/0	4.84	3.86	.91	4	40

Malleable Reducing Bushings

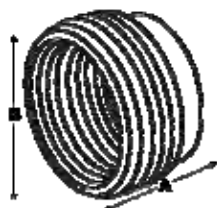


- ▶ Reduce the trade size of a tapered entry on a conduit fitting
- ▶ Threaded for rigid and IMC condulets, Hex Shoulder
- ▶ Rolled edge protects wire insulation

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14700	2-1/2" x 1"	2.83	1.22	-	10
14701	2-1/2" x 1-1/4"	2.83	1.58	-	10
14702	2-1/2" x 1-1/2"	2.83	1.83	-	10
14703	2-1/2" x 2"	2.83	2.28	-	10
14704	3-1/2" x 1-1/2"	3.45	1.83	-	10
14705	3-1/2" x 2"	3.45	2.28	-	10
14706	3-1/2" x 2-1/2"	3.96	2.70	-	10
14707	3-1/2" x 3"	3.96	3.35	-	10
14708	4" x 2-1/2"	4.45	2.70	-	10
14709	4" x 3-1/2"	4.45	4.10	-	10

Steel Reducing Bushings

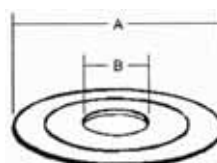


- ▶ Reduce trade size of tapered entry on a conduit fitting
- ▶ Threaded for Rigid Conduit & IMC
- ▶ Rolled edge protects wire insulation

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14660	1/2" x 3/8"	.63	.91	100	1000
14661	3/4" x 1/2"	.65	.93	100	1000
14662	1" x 1/2"	.72	1.13	50	500
14663	1" x 3/4"	.72	1.13	50	500
14664	1-1/4" x 1/2"	.82	1.47	10	100
14665	1-1/4" x 3/4"	.82	1.47	25	250
14666	1-1/4" x 1"	.81	1.47	25	250
14667	1-1/2" x 1/2"	.85	1.70	10	100
14668	1-1/2" x 3/4"	.85	1.70	25	100
14669	1-1/2" x 1"	.85	1.70	25	100
14670	1-1/2" x 1-1/4"	.85	1.70	10	250
14671	2" x 1/2"	.97	2.23	10	40
14672	2" x 3/4"	.97	2.23	10	40
14673	2" x 1"	.97	2.23	10	40
14674	2" x 1-1/4"	.97	2.23	10	100
14675	2" x 1-1/2"	.97	2.23	10	100
14676	3" x 1/2"	1.57	3.43	-	10
14677	3" x 3/4"	1.57	3.43	-	10
14678	3" x 1"	1.57	3.43	-	10
14679	3" x 1-1/4"	1.57	3.43	-	10
14680	3" x 1-1/2"	1.57	3.43	-	10
14681	3" x 2"	1.57	3.43	-	10
14682	3" x 2-1/2"	1.57	3.43	-	10
14683	4" x 1/2"	1.68	4.43	-	5
14684	4" x 3/4"	1.68	4.43	-	5
14685	4" x 1"	1.68	4.43	-	5
14686	4" x 1-1/4"	1.68	4.43	-	5
14687	4" x 1-1/2"	1.68	4.43	-	5
14688	4" x 2"	1.68	4.43	-	5
14689	4" x 3"	1.68	4.43	-	5

Reducing Washers

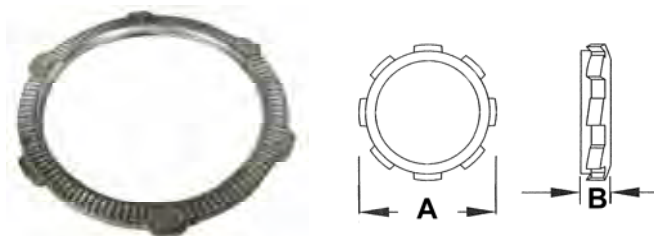


- ▶ Use to reduce the size of the knockout in a steel outlet box or other metal enclosure or cabinet
- ▶ Must use one inside the enclosure opening and one on the outside
- ▶ Galvanized Steel

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14620	3/4" x 1/2"	1.42	.87	100	1000
14621	1" x 1/2"	1.71	.87	100	1000
14622	1" x 3/4"	1.71	1.66	100	1000
14623	1-1/4" x 1/2"	2.08	.87	50	500
14624	1-1/4" x 3/4"	2.08	1.125	50	500
14625	1-1/4" x 1"	2.08	1.38	50	500
14626	1-1/2" x 1/2"	2.635	.87	50	500
14627	1-1/2" x 3/4"	2.635	1.06	50	500
14628	1-1/2" x 1"	2.635	1.335	50	500
14629	1-1/2" x 1-1/4"	2.635	1.69	50	500
14630	2" x 1/2"	3.265	.87	25	250
14631	2" x 3/4"	3.265	1.06	25	250
14632	2" x 1"	3.265	1.335	25	250
14633	2" x 1-1/4"	3.265	1.69	25	250
14634	2" x 1-1/2"	3.265	1.935	25	250

Locknuts - Zinc Die Cast

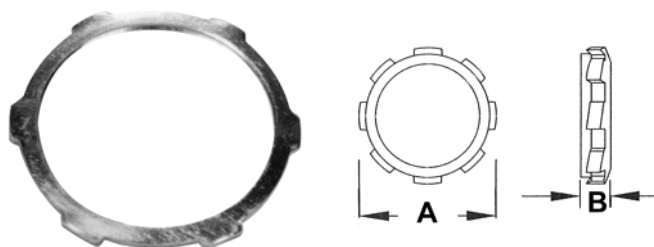


- ▶ Conduit locknuts for securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14720	1/2"	1.08	0.14	400	4000
14721	3/4"	1.36	0.14	250	2500
14722	1"	1.69	0.20	100	1000

Locknuts - Steel

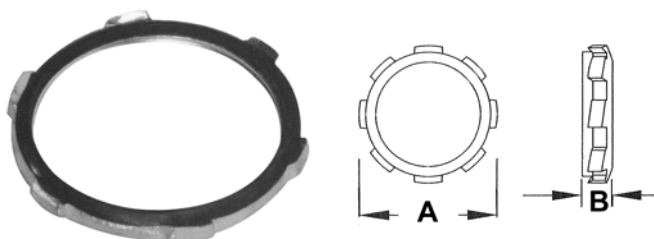


- ▶ Conduit locknuts for securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14730	1/2"	1.13	.13	100	1000
14731	3/4"	1.38	.13	100	1000
14732	1"	1.72	.17	50	500
14733	1-1/4"	2.06	.17	25	500
14734	1-1/2"	2.37	.17	25	200
14735	2"	2.89	.18	25	200
14736	2-1/2"	3.44	.18	25	100
14737	3"	4.11	.18	25	100
14738	3-1/2"	4.67	.18	25	100
14739	4"	5.24	.18	25	100
14740	5"	6.52	.39	-	20
14741	6"	7.84	.39	-	20

Sealing Locknuts - Steel



- ▶ Sealing locknuts provide a rain tight seal when securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole of a box or enclosure
- ▶ Integral Gasket

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14754	1/2"	1.14	.20	100	1000
14755	3/4"	1.40	.20	100	1000
14756	1"	1.73	.20	100	1000
14757	1-1/4"	2.11	.22	50	500
14758	1-1/2"	2.40	.22	50	500
14759	2"	2.91	.22	25	250

Grounding Locknuts - Steel



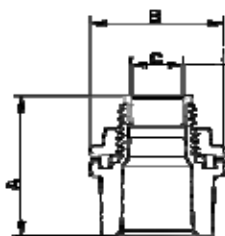
New! Available
November 2014

- ▶ Used with bushings to bond threaded rigid conduit and IMC to boxes, cabinets, or other enclosures where locknut is exposed

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14742	1/2"	1.14	.17	100	1000
14743	3/4"	1.39	.18	100	1000
14744	1"	1.73	.24	50	500
14745	1-1/4"	2.08	.24	25	200
14746	1-1/2"	2.40	.25	25	200
14747	2"	2.91	.29	25	100
14748	2-1/2"	3.46	.29	25	100
14749	3"	4.14	.30	25	100
14750	3-1/2"	4.69	.30	25	100
14751	4"	5.25	.34	25	100

Rigid Water Tight Hubs - Zinc Die Cast



- ▶ To secure threaded rigid service entrance conduit & IMC to box or enclosure
- ▶ Assembled with 105°C rated flame retardant Lexan throat insulator and BUNA-N sealing ring that completely encircles knockout to prevent contaminants from entering enclosure
- ▶ UL Listed and CSA Certified for use in wet locations

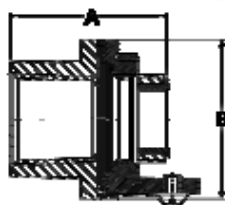
Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14800	1/2"	1.49	1.43	.57	-	150
14801	3/4"	1.52	1.69	.73	-	120
14802	1"	1.80	1.99	.93	-	50
14803	1-1/4"	1.92	2.36	1.29	-	40
14804	1-1/2"	1.89	2.76	1.50	-	30
14805	2"	1.89	3.23	1.97	-	30
14806	2-1/2"	2.53	3.54	2.41	-	10
14807	3"	2.53	4.33	2.97	-	6
14808	3-1/2"	2.53	4.72	3.46	-	6
14809	4"	2.53	5.43	3.96	-	6

Rigid
Fittings

M18

Rigid Water Tight Hubs with Bonding Screw - Zinc

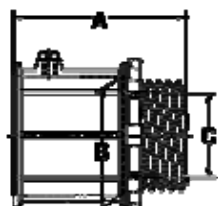


- ▶ Male thread type
- ▶ Tapered female thread for Rigid conduit and IMC
- ▶ Recessed O-ring seal assures watertight connections
- ▶ Insulated throat and bonding locknut is suitable for service entrance application
- ▶ Assembled with 105°C rated flame retardant Lexan throat insulator and BUNA-N sealing ring
- ▶ UL Listed and CSA Certified for use in wet locations

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14810	1/2"	1.42	1.22	25	250
14811	3/4"	1.61	1.50	25	150
14812	1"	1.87	1.89	25	100
14813	1-1/4"	2.01	2.24	10	60
14814	1-1/2"	2.12	2.52	10	60
14815	2"	2.20	3.03	10	40
14816	2-1/2"	2.64	3.54	-	12
14817	3"	2.64	4.07	-	12
14818	3-1/2"	2.70	4.78	-	6
14819	4"	2.70	5.35	-	6

EMT Set Screw Connectors - Zinc Die Cast



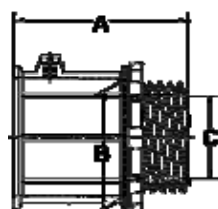
- ▶ Use to connect EMT Conduit to Steel Outlet Box, Load Center, or other Metal Enclosures
- ▶ Concrete Tight (When Taped)
- ▶ Die-Cast Zinc, Male hub threads NPS
- ▶ Pre-Set/Pre-Staked Combo Head Set-Screws
- ▶ UL Listed for EMT Conduit
- ▶ 2-1/2" - 4" are also UL Listed for use with Rigid & IMC
- ▶ 2-1/2" - 4" Uses 2 Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14850	1/2"	1.06	.72	.59	50	500
14851	3/4"	1.25	.94	.78	25	250
14852	1"	1.46	1.18	1.00	25	200
14853	1-1/4"	1.93	1.53	1.32	10	100
14854	1-1/2"	2.09	1.76	1.53	10	60
14855	2"	2.36	2.22	1.99	5	40
14856	2-1/2"	2.95	2.92	2.35	-	12
14857	3"	3.15	3.55	2.95	-	12
14858	3-1/2"	3.52	4.05	3.43	-	6
14859	4"	3.62	4.55	3.91	-	6

EMT Set Screw Connectors - Insulated Throat - Zinc Die Cast

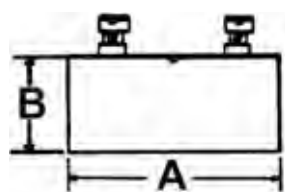
- ▶ Use to connect EMT Conduit to Steel Outlet Box, Load Center, or other Metal Enclosures
- ▶ Insulated Throat
- ▶ Concrete Tight (When Taped)
- ▶ Die-Cast Zinc, Male hub threads NPS
- ▶ Pre-Set/Pre-Staked Combo Head Set-Screws
- ▶ UL Listed for EMT Conduit
- ▶ 2-1/2" - 4" are also UL Listed for use with Rigid & IMC
- ▶ 2-1/2" - 4" Uses 2 Set Screws



Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14860	1/2"	1.14	.72	.59	50	500
14861	3/4"	1.33	.94	.78	25	250
14862	1"	1.54	1.18	1.00	25	200
14863	1-1/4"	1.99	1.53	1.32	10	100
14864	1-1/2"	2.13	1.76	1.53	10	60
14865	2"	2.44	2.22	1.99	5	40
14866	2-1/2"	3.03	2.92	2.34	-	12
14867	3"	3.22	3.55	2.88	-	12
14868	3-1/2"	3.58	4.05	3.31	-	6
14869	4"	3.72	4.55	3.86	-	6

EMT Set Screw Couplings - Zinc Die Cast

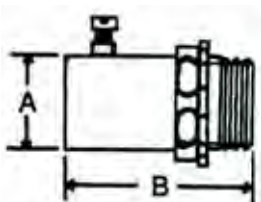


- ▶ Use to connect EMT Conduit to EMT Conduit
- ▶ Concrete Tight (When Taped)
- ▶ Die-Cast Zinc
- ▶ Pre-set/Pre-staked Combo Head Set-screws
- ▶ UL Listed for EMT Conduit
- ▶ 2-1/2" - 4" are also UL Listed for use with Rigid & IMC
- ▶ 2-1/2" - 4" Uses 4 Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14870	1/2"	1.38	0.72	50	500
14871	3/4"	1.46	.94	25	250
14872	1"	1.98	1.18	20	200
14873	1-1/4"	2.52	1.53	10	100
14874	1-1/2"	2.95	1.76	10	60
14875	2"	3.43	2.22	5	20
14876	2-1/2"	3.94	2.92	-	12
14877	3"	4.33	3.55	-	12
14878	3-1/2"	4.88	4.05	-	6
14879	4"	5.14	4.55	-	6

EMT Set Screw Connectors - Steel



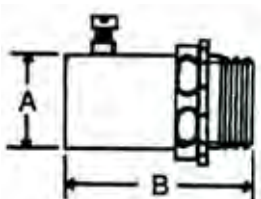
2-1/2" to 4"
Available
January 2015

- Use to Connect EMT Conduit to Steel Box, Load Center, or other Metal Enclosures
- Heavy Steel Walls
- Pre-Set/Pre-Staked Combo Head Set-Screws
- Male NPSM hub threads
- Concrete Tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also for use with Rigid & IMC
- 2-1/2" - 4" Uses 2 Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14880	1/2"	0.84	1.47	50	500
14881	3/4"	1.06	1.57	25	250
14882	1"	1.32	1.86	20	200
14883	1-1/4"	1.68	2.24	-	25
14884	1-1/2"	1.91	2.24	-	25
14885	2"	2.37	2.35	-	20
14886	2-1/2"	3.14	2.89	-	12
14887	3"	3.77	2.95	-	12
14888	3-1/2"	4.28	3.23	-	4
14889	4"	4.78	3.33	-	8

EMT Set Screw Connectors - Insulated Throat - Steel



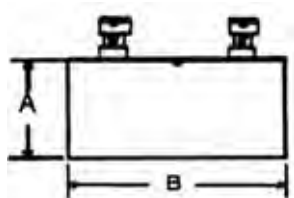
2-1/2" to 4"
Available
January 2015

- Use to Connect EMT Conduit to Steel Box, Load Center, or other Metal Enclosures
- Insulated Throat
- Heavy Steel Walls
- Pre-Set/Pre-Staked Combo Head Set-Screws
- Male NPSM hub threads
- Concrete Tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also for use with Rigid & IMC
- 2-1/2" - 4" Uses 2 Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14890	1/2"	.84	1.51	50	500
14891	3/4"	1.06	1.61	25	250
14892	1"	1.32	1.90	20	200
14893	1-1/4"	1.68	2.28	-	25
14894	1-1/2"	1.91	2.28	-	25
14895	2"	2.37	2.40	-	20
14896	2-1/2"	3.14	2.95	-	8
14897	3"	3.77	3.02	-	12
14898	3-1/2"	4.28	3.29	-	4
14899	4"	4.78	3.39	-	6

EMT Set Screw Couplings - Steel



2-1/2" to 4"
Available
January 2015

- Use to Join Two Lengths of EMT Conduit together
- Heavy Steel Walls
- Concrete tight (When Taped)
- Pre-Set/Pre-Staked Combo Head Set-Screws
- Concrete Tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also for use with Rigid & IMC
- 2-1/2" - 4" Uses 4 Set Screws

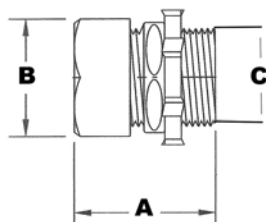
Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14900	1/2"	0.84	1.59	50	500
14901	3/4"	1.06	1.80	25	250
14902	1"	1.32	2.04	10	100
14903	1-1/4"	1.68	2.76	-	25
14904	1-1/2"	1.91	2.97	-	25
14905	2"	2.37	3.22	-	20
14906	2-1/2"	3.14	3.86	-	12
14907	3"	3.77	4.23	-	4
14908	3-1/2"	4.28	4.48	-	6
14909	4"	4.78	4.72	-	6

EMT
Fittings

M20

EMT Compression Connectors - Zinc Die Cast

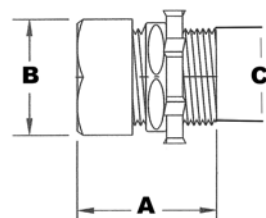


- ▶ To secure and terminate EMT to knockouts in concrete tight box, dry or damp location applications
- ▶ Male NPSM hub threads
- ▶ Concrete tight
- ▶ UL Listed for EMT Conduit
- ▶ 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14910	1/2"	1.24	.98	.59	50	500
14911	3/4"	1.26	1.22	.78	25	250
14912	1"	1.46	1.46	1.00	15	150
14913	1-1/4"	1.83	1.85	1.32	10	100
14914	1-1/2"	1.85	2.07	1.53	10	40
14915	2"	2.01	2.54	1.99	5	20
14916	2-1/2"	2.54	3.37	2.35	-	12
14917	3"	2.54	3.94	2.95	-	12
14918	3-1/2"	2.60	4.45	3.43	-	6
14919	4"	2.60	1.94	3.91	-	6

EMT Compression Connectors - Insulated Throat - Zinc Die Cast

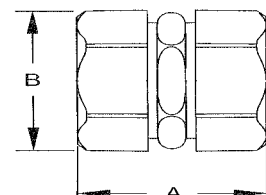


- ▶ To secure and terminate EMT to knockouts in concrete tight box, dry or damp location application
- ▶ Male NPSM hub threads
- ▶ Concrete tight
- ▶ UL Listed for EMT Conduit
- ▶ 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14920	1/2"	1.28	.98	.59	50	500
14921	3/4"	1.32	1.22	.78	25	250
14922	1"	1.52	1.46	1.00	15	150
14923	1-1/4"	1.89	1.85	1.32	10	100
14924	1-1/2"	1.91	2.07	1.53	10	40
14925	2"	2.09	2.54	1.99	5	20
14926	2-1/2"	2.62	3.37	2.35	-	12
14927	3"	2.62	3.94	2.95	-	12
14928	3-1/2"	2.68	4.45	3.43	-	6
14929	4"	2.68	4.94	3.91	-	6

EMT Compression Couplings - Zinc Die Cast



- ▶ To join lengths of EMT for concrete tight, dry or damp location applications
- ▶ Concrete tight
- ▶ UL Listed for EMT Conduit
- ▶ 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14930	1/2"	1.69	.98	50	500
14931	3/4"	1.73	1.22	25	250
14932	1"	1.85	1.46	15	150
14933	1-1/4"	2.36	1.85	10	100
14934	1-1/2"	2.40	2.07	10	50
14935	2"	2.44	2.54	5	20
14936	2-1/2"	3.15	3.37	-	12
14937	3"	3.15	3.94	-	12
14938	3-1/2"	3.27	4.45	-	6
14939	4"	3.27	4.94	-	6

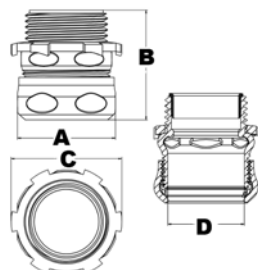
Steel EMT Compression Connectors



- Use to connect EMT conduit to steel outlet box, load center, or other metal enclosure
- Heavy Steel Walls, Zinc Plated
- Male hub threads - NPSM
- Concrete tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
14940	1/2"	1.06	1.37	1.13	.73	25	250
14941	3/4"	1.30	1.46	1.38	.95	25	250
14942	1"	1.59	1.58	1.72	1.19	-	75
14943	1-1/4"	2.08	2.05	2.06	1.54	-	25
14944	1-1/2"	2.27	2.13	2.37	1.77	-	20
14945	2"	2.72	2.24	2.89	2.22	-	10
14946	2-1/2"	3.46	3.27	3.52	2.93	-	8
14947	3"	4.02	3.50	4.20	3.58	-	4
14948	3-1/2"	4.62	3.78	4.79	4.05	-	4
14949	4"	5.02	3.80	5.32	4.58	-	6



2-1/2" to 4"
Available
January 2015

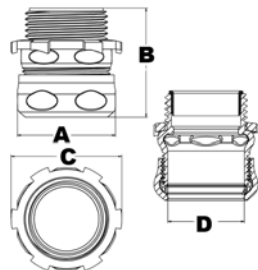
Steel EMT Compression Connectors - Insulated Throat



- Use to connect EMT conduit to steel outlet box, load center, or other metal enclosure
- Heavy Steel Walls, Zinc Plated
- Insulated throat
- Male hub threads - NPSM
- Concrete tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
14950	1/2"	1.06	1.41	1.13	.73	25	250
14951	3/4"	1.30	1.50	1.38	.95	25	250
14952	1"	1.59	1.61	1.72	1.19	-	75
14953	1-1/4"	2.08	2.10	2.06	1.54	-	25
14954	1-1/2"	2.27	2.17	2.37	1.77	-	20
14955	2"	2.72	2.29	2.89	2.22	-	15
14956	2-1/2"	3.46	3.35	3.52	2.93	-	8
14957	3"	4.02	3.58	4.20	3.58	-	4
14958	3-1/2"	4.62	3.86	4.79	4.05	-	4
14959	4"	5.02	3.88	5.32	4.58	-	4



2-1/2" to 4"
Available
January 2015

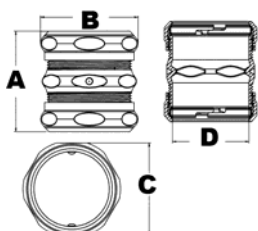
Steel EMT Compression Couplings



- Use to join to lengths of EMT conduit together
- Heavy Steel Walls, Zinc Plated
- Concrete tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
14960	1/2"	1.72	1.06	1.00	.73	25	250
14961	3/4"	1.73	1.30	1.22	.95	25	250
14962	1"	1.91	1.59	1.48	1.19	10	100
14963	1-1/4"	2.53	2.08	1.93	1.54	-	25
14964	1-1/2"	2.62	2.27	2.16	1.77	-	20
14965	2"	2.78	2.72	2.57	2.22	-	10
14966	2-1/2"	3.94	3.70	3.46	2.93	-	8
14967	3"	4.17	4.38	4.02	3.58	-	4
14968	3-1/2"	4.70	4.68	4.62	4.05	-	4
14969	4"	4.96	5.40	5.02	4.58	-	6



2-1/2" to 4"
Available
January 2015

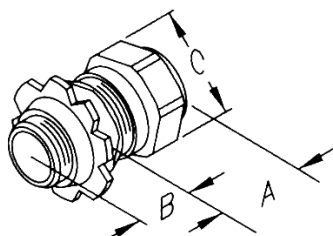
Steel EMT Rain Tight Compression Connectors



- Use to connect EMT conduit to steel outlet box, load center, or other metal enclosure in a dry or wet location
- Internal Sealing Ring & Knockout Gasket create Raintight Seal
- Heavy Steel Walls, Zinc Plated
- Concrete Tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14970	1/2"	1.14	0.51	1.08	50	500
14971	3/4"	1.42	0.51	1.35	25	250
14972	1"	1.58	0.57	1.65	10	100
14973	1-1/4"	1.60	0.61	2.02	10	100
14974	1-1/2"	1.93	0.63	2.24	10	50
14975	2"	2.23	0.67	2.80	5	50
14976	2-1/2"	2.80	0.83	3.60	-	12
14977	3"	3.00	0.83	4.25	-	12
14978	3-1/2"	3.35	0.83	4.80	-	6
14979	4"	3.47	0.83	5.24	-	6



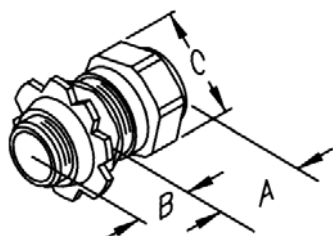
Steel EMT Rain Tight Compression Connectors-Insulated Throat



- Use to connect EMT conduit to steel outlet box, load center, or other metal enclosure in dry or wet location
- Internal Sealing Ring & Knockout Gasket create Raintight Seal
- Heavy Steel Walls, Zinc Plated
- Insulated throat
- Concrete Tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
14980	1/2"	1.18	0.51	1.08	50	500
14981	3/4"	1.46	0.51	1.35	25	250
14982	1"	1.61	0.57	1.65	10	100
14983	1-1/4"	1.69	0.61	2.02	10	100
14984	1-1/2"	2.00	0.61	2.24	10	50
14985	2"	2.36	0.67	2.76	5	50
14986	2-1/2"	2.87	0.83	3.62	-	12
14987	3"	3.07	0.83	4.25	-	12
14988	3-1/2"	3.42	0.83	4.80	-	6
14989	4"	3.54	0.83	5.24	-	6



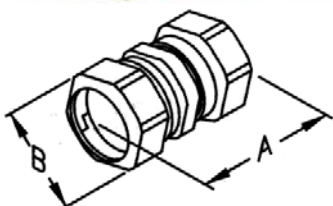
Steel EMT Compression Rain Tight Couplings



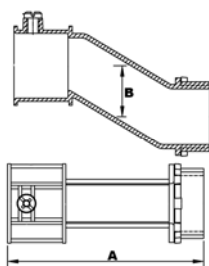
- Use to connect two lengths of EMT conduit together in a dry or wet location
- Internal Sealing Ring creates Rain Tight Seal
- Heavy Steel Walls, Zinc Plated
- Concrete Tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
14990	1/2"	1.81	1.08	50	500
14991	3/4"	1.89	1.35	25	250
14992	1"	2.30	1.65	10	100
14993	1-1/4"	2.68	2.02	10	100
14994	1-1/2"	2.74	2.24	10	50
14995	2"	2.95	2.76	5	50
14996	2-1/2"	3.90	3.62	-	12
14997	3"	4.11	4.25	-	12
14998	3-1/2"	4.53	4.80	-	6
14999	4"	4.65	5.24	-	6



EMT To Box Offset Set Screw Connector - Zinc Die Cast

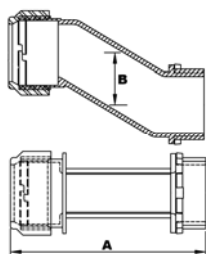


- Use to connect EMT conduit to a Metal Box or Enclosure where Offset is Required
- Zinc Die-Cast
- Combo Head Set-Screw
- Assembled with Zinc Die Cast Locknut
- Concrete Tight (When Taped)

Dimensions = Inches

Cat. No	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15010	1/2"	2.11	.37	20	200
15011	3/4"	2.85	.75	10	100
15012	1"	3.14	1.19	-	100

EMT To Box Offset Compression Connector - Zinc Die Cast

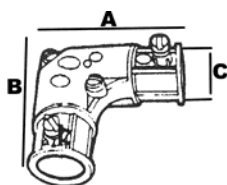


- Use to connect EMT conduit to a Metal Outlet Box or Enclosure where an Offset is Required
- Zinc Die-Cast
- Compression Style
- Assembled with Zinc Die Cast Locknut
- Concrete Tight

Dimensions = Inches

Cat. No	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15014	1/2"	2.11	.37	20	200
15015	3/4"	2.88	.75	10	100

EMT to EMT Inside Corner Set Screw Pulling Elbows

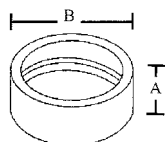


- Use to Connect EMT Conduit together on a 90° Inside Corner
- Combo Head Set Screws
- Zinc Die Cast

Dimensions = Inches

Cat. No	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15020	1/2"	2.32	2.32	.59	10	100
15021	3/4"	2.64	2.64	.78	5	50
15022	1"	2.94	2.94	1.19	-	50

EMT Insulating Bushings



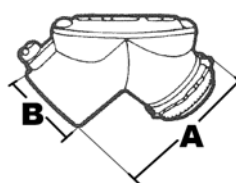
- EMT Insulating Bushings protect cables from abrasion
- Fast & Easy press-on installation

Dimensions = Inches

Cat. No	Trade Size	Dimensions		Bag Qty
		A	B	
21700	1/2"	.522	.570	100
21701	3/4"	.538	.764	50
21702	1"	.614	.954	25
21703	1-1/4"	.620	1.26	25
21704	1-1/2"	.620	1.44	25
21705	2"	.620	1.86	20
21706	2-1/2"	1.12	2.34	-
21707	3"	1.19	2.78	-
21708	3-1/2"	1.22	3.27	-
21709	4"	1.22	3.71	-

- Meets NEC Article 300-15C requirements
- Listed for use in environmental air handling spaces per 2005 NEC code requirements 300-22C
- Polyethylene rated at 90°C

EMT To BOX Set Screw Pulling Elbows - Zinc Die Cast

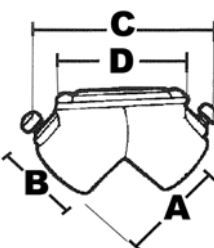


- ▶ Used to Connect EMT to a Metal Box/Enclosure at a 90° Bend
- ▶ Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- ▶ Zinc Die Cast
- ▶ Assembled with Zinc Die Cast locknut
- ▶ Combo Head Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Outer Box
		A	B	
15030	1/2"	1.34	.97	100
15031	3/4"	1.40	1.26	50
15032	1"	1.97	1.51	30
15033	1-1/4"	2.32	1.91	20

EMT To EMT Set Screw Pulling Elbows - Zinc Die Cast

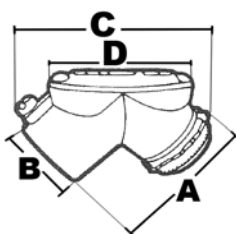


- ▶ Used to Connect EMT together at a 90° bend
- ▶ Zinc Die Cast
- ▶ Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- ▶ Combo Head Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Outer Box
		A	B	C	D	
15035	1/2"	1.34	.97	2.56	1.78	100
15036	3/4"	1.40	1.26	2.81	2.15	50
15037	1"	1.97	1.51	3.88	3.17	30
15038	1-1/4"	2.32	1.91	4.62	3.25	20

EMT/RIGID To BOX Combination Pulling Elbow - Zinc Die Cast

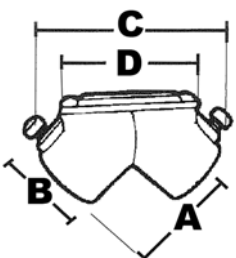


- ▶ Used to Connect a run of EMT, Threaded Rigid or IMC conduit to a Box at a 90° Bend
- ▶ Threaded and Set Screw Conduit Entrance
- ▶ Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- ▶ Assembled with Zinc Die Cast Locknut
- ▶ Combo Head Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
15040	1/2"	1.31	1.01	2.40	1.78	20	200
15041	3/4"	1.44	1.19	2.66	2.14	15	150
15042	1"	1.94	1.53	3.66	3.24	6	60

EMT/RIGID To EMT/RIGID Combination Pulling Elbow - Zinc



- ▶ Used to facilitate pulling conductors through a sharp bend in a run of EMT, Threaded Rigid or IMC conduit
- ▶ Threaded and Set Screw Conduit Entrance
- ▶ Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- ▶ Combo Head Set Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
15044	1/2"	1.37	1.01	2.63	1.78	20	200
15045	3/4"	1.43	1.23	2.73	2.14	15	150

BX/Flex Set Screw Box Connectors - Zinc Die Cast



- Use to connect 14/2 BX cable to a Steel Box or other Metal Enclosure
- Suitable for #14-2 Steel armored cable
- 3/8" size - fits 1/2" Knockout
- Furnished with Zinc Die-Cast locknuts
- Combo Head Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15052	3/8"	.79	.97	.39	50	500

Flex Angled Set Screw Box Connectors - Zinc Die Cast



BX - Flex - MC
Fittings

M26



- Use to connect Steel or Aluminum Flexible Metallic Conduit to a Steel Box or other Metal Enclosure
- Angled Combo Head Set Screw for Easy Access
- Furnished with die cast locknuts

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15055	3/8"	.95	1.00	40	400
15053	1/2"	1.20	1.46	25	250
15054	3/4"	1.33	1.56	25	250

Flex 2 Set Screw - Strap Type Multi-Purpose Box Connectors



- Terminate flexible metallic conduit FMC, AC, MC, or NM cable to a Steel box or other enclosure:
 - 14/2, 12/2 or 12/3 NM Cable
 - 14/2 Thru 12/4 AC or MC Cable
 - 3/8" FMC
- 3/8" Trade Size fits a 1/2" knockout
- Male Hub - NPSM Thread
- Combination Head Screws
- Zinc Die Cast

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15058	3/8"	1.18	.80	100	1000

Flex Saddle Box Connector For AC & MC Flex Conduits - Zinc



- Use to connect flexible metal conduit, AC, MC and NM sheathed cable to a Steel Box or other Metal Enclosure
- 3/8" size fits 1/2" knockout
- End Stopped
- Combo Head Screws
- Zinc Die Cast

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Outer Box
		A	B	C	
15060	3/8"	1.09	1.70	.96	500

Flex Duplex Box Connectors - Zinc Die Cast



Fig 1

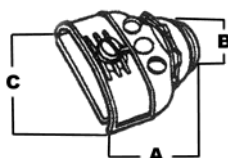


Fig 1

- Use to connect two pieces of Flexible Metallic Conduit, AC, MC, or NM sheathed cable to a steel box or other metal enclosure when using only one knockout opening:
 - 14/2 Thru 12/3 NM
 - 14/2 Thru 10/4 AC
 - 14/2 Thru 10/3 MC
 - 3/8" FMC
- 3/8" size fits 1/2" knockout
- One Screw or Two Screw design



Fig 2

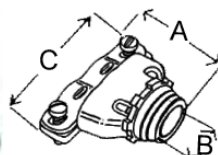
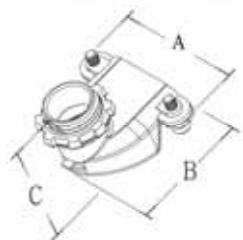


Fig 2

Dimensions = Inches

Cat. No.	Trade Size	Figure	# of Screws	Dimensions			Inner Box	Outer Box
				A	B	C		
15065	3/8"	1	1	1.43	.61	1.61	25	250
15066	3/8"	2	2	1.57	.61	2.32	25	250

90° Flex Conduit Duplex Box Connector - Zinc Die Cast

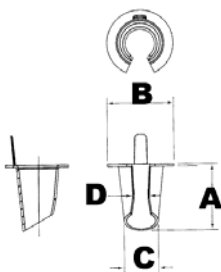


- Use to connect two pieces of Flexible Metallic Conduit, AC, MC or NM sheathed cable to a steel outlet box or other metal enclosure when using only one knockout opening in a dry location:
 - 14/2 Thru 10/3 NM
 - 14/2 Thru 10/4 AC
 - 14/2 Thru 10/3 MC
 - 3/8" FMC
- 3/8" size fits 1/2" knockout
- Two Combo Head Mounting Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15067	3/8"	2.02	1.64	1.24	25	250

Anti-Short Bushings



- Insulates conductor from cut armor ends on flexible BX or Greenfield conduit
- Inserted into I.D. at termination point
- Overlapping horizontal flange protects against sharp metal edges
- Tapered design assures fast insertion
- Extra length assures positive grip
- Polypropylene material resists weather extremes, oil, moisture and chemicals
- Rated up to 194°F

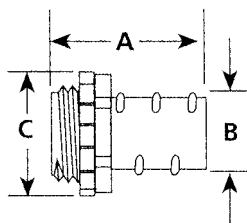
Dimensions = Inches

Cat. No.	Size	Cable Sizes	Dimensions				Bag Qty
			A	B	C	D	
21752	0	14/2, 14/3, 12/2	0.56"	0.671"	0.38"	0.312"	35
21753	1	14/4, 12/3, 6/1, 4/1	0.65"	0.671"	0.45"	0.312"	35
21754	2	12/4, 10/2, 10/3, 2/1	0.61"	0.859"	0.58"	0.125"	35
21755	3	10/4, 8/2, 8/3, 1/1	0.67"	1.046"	0.79"	0.109"	20
21756	4	8/4, 6/4, 6/3, 6/2, 4/3, 4/2	0.83"	1.266"	1.00"	0.156"	16

Screw-In Connector For Greenfield/Flex Conduit



- Use to connect Flexible Metallic Conduit to steel outlet box, load center or other metal enclosure
- Zinc Die Cast
- Assembled with Zinc Die Cast locknut



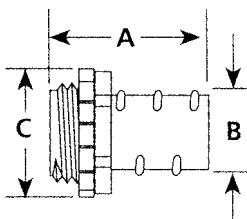
Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15070	3/8"	1.22	0.38	1.1	80	800
15071	1/2"	1.30	0.64	1.1	60	600
15072	3/4"	1.52	0.81	1.38	35	350
15073	1"	1.87	1.00	1.70	15	150
15074	1-1/4"	2.13	1.27	2.1	10	100
15075	1-1/2"	2.32	1.51	2.42	6	60
15076	2"	2.48	2.02	2.98	3	30

Screw-In Connector Insulated Throat For Greenfield/Flex Conduit



- Use to connect Flexible Metallic Conduit to steel outlet box, load center or other metal enclosure
- Insulated Throat
- Zinc Die Cast
- Assembled with Zinc Die Cast locknut



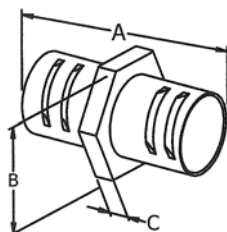
Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B (OD)	C		
15077	3/8"	1.26	0.38	1.10	80	800
15078	1/2"	1.34	0.64	1.10	60	600
15079	3/4"	1.56	0.81	1.38	35	350
15080	1"	1.91	1.00	1.70	15	150
15081	1-1/4"	2.17	1.27	2.1	10	100
15082	1-1/2"	2.36	1.51	2.42	6	60
15083	2"	2.52	2.02	2.98	3	30

Screw-In Couplings For Greenfield/Flex Conduit



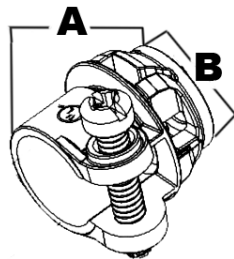
- Use to connect two pieces of Flexible Metal Conduit
- Zinc Die Cast



Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15084	1/2"	1.81	.91	.20	40	400
15085	3/4"	2.09	1.10	.24	25	250
15086	1"	2.40	1.36	.32	15	150
15087	1-1/4"	2.76	1.66	.32	10	100
15088	1-1/2"	3.08	1.93	.32	6	60
15089	2"	3.32	2.48	.32	3	30

Straight Squeeze Box Connectors



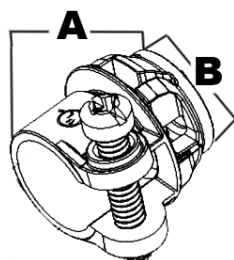
- Used with a locknut to Terminate Steel or Aluminum Flexible Metal Conduit, Armored Cable & MC to enclosure
- Assembled with Zinc Die Cast Locknut & Combo Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15110	3/8"	1.00	.35	50	500
15111	1/2"	1.38	.59	25	250
15112	3/4"	1.54	.77	25	250
15113	1"	1.76	.98	-	100
15114*	1-1/4"	1.82	1.21	-	100
15115*	1-1/2"	1.92	1.41	-	50
15116*	2"	2.03	1.95	4	40
15117*	2-1/2"	3.00	2.32	-	10
15118*	3"	3.38	2.82	-	10
15119*	3-1/2"	3.78	3.28	-	10
15120*	4"	4.16	3.76	-	10

* Flexible Metal Conduit Only

Straight Squeeze Box Connectors - Insulated Throat



- Used with a locknut to terminate Steel or Aluminum Flexible Metal Conduit, Armored Cable & MC to Enclosure
- Insulated Throat
- Assembled with Zinc Die Cast Locknut & Combo screws

Dimensions = Inches

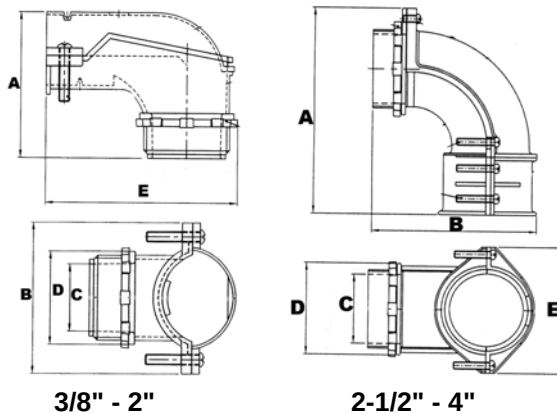
Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15121	1/2"	1.42	.54	25	250
15122	3/4"	1.57	.70	25	250
15123	1"	1.80	.92	10	100
15124*	1-1/4"	1.88	1.65	10	100
15125*	1-1/2"	1.98	1.97	5	50
15126*	2"	2.09	2.47	4	40
15127*	2-1/2"	3.08	2.32	-	6
15128*	3"	3.46	2.82	-	4
15129*	3-1/2"	3.86	3.28	-	3
15130*	4"	4.24	3.76	-	3

* Flexible Metal Conduit Only

Squeeze Box Connectors 90°



- Used with a locknut to Terminate Steel or Aluminum Flexible Metal Conduit, AC and MC Cable to a steel outlet box or other metal enclosure
- Assembled with Zinc Die Cast Locknut & Combo Screws



Dimensions = Inches

Cat. No.	Trade Size	Dimensions					Inner Box	Outer Box
		A	B	C	D	E		
15131	3/8"	1.22	1.34	.63	.97	1.89	50	500
15132	1/2"	1.50	1.65	.63	.97	2.07	25	250
15133	3/4"	1.58	1.89	.86	1.20	2.38	10	100
15134	1"	2.26	2.38	1.04	1.45	3.04	5	50
15135*	1-1/4"	2.76	2.68	1.42	1.86	4.08	10	40
15136*	1-1/2"	4.06	3.76	1.58	2.32	6.56	2	12
15137*	2"	4.08	3.76	2.07	2.66	6.69	2	12
15138*	2-1/2"	6.90	5.40	2.50	3.07	3.98	-	6
15139*	3"	7.80	5.70	3.15	3.71	4.80	-	4
15140*	3-1/2"	9.40	7.52	3.46	4.53	5.66	-	3
15141*	4"	10.50	8.28	3.94	5.04	6.24	-	3

* Flexible Metal Conduit Only

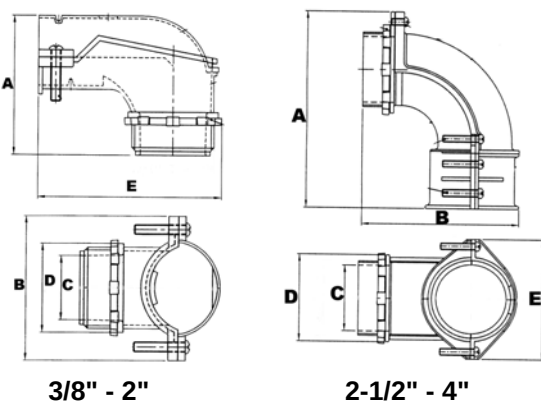
BX - Flex - MC
Fittings

M30

Squeeze Box Connectors 90° - Insulated Throat



- Used with a locknut to Terminate Steel or Aluminum Flexible Metal Conduit, AC and MC Cable to a steel outlet box or other metal enclosure
- Insulated Throat
- Assembled with Zinc Die Cast Locknut & Combo Screws

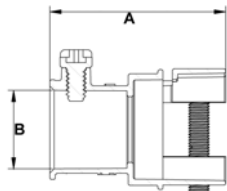


Dimensions = Inches

Cat. No.	Trade Size	Dimensions					Inner Box	Outer Box
		A	B	C	D	E		
15142	3/8"	1.26	1.34	.55	.97	1.89	50	500
15143	1/2"	1.54	1.65	.55	.97	2.07	25	250
15144	3/4"	1.61	1.89	.73	1.20	2.38	10	100
15145	1"	2.26	2.38	.96	1.46	2.99	5	50
15146*	1-1/4"	2.82	2.68	1.24	1.81	4.02	10	40
15147*	1-1/2"	4.08	3.76	1.44	2.32	6.46	2	12
15148*	2"	4.08	3.76	1.89	2.58	6.69	2	12
15149*	2-1/2"	6.90	5.40	2.30	3.07	3.92	-	6
15150*	3"	7.80	5.70	2.95	3.70	4.72	-	4
15151*	3-1/2"	9.40	7.52	3.27	4.53	5.57	-	3
15152*	4"	10.50	8.26	3.74	5.04	6.14	-	3

* Flexible Metal Conduit Only

EMT to Flex Combination Coupling Squeeze Type - Zinc Die Cast

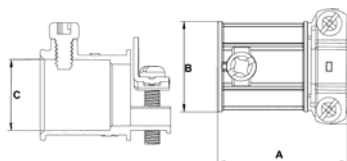


- Use to join EMT Conduit to Flexible Metal Conduit
- They allow a quick connection between different conduits to create one continuous raceway
- Their smooth interior surface ensures a snag free wire pull every time
- Pre-set and staked Robertson head screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15416	1/2"	1.65	.72	25	250
15417	3/4"	1.76	.95	15	150
15418	1"	2.15	1.19	-	200

EMT to BX or NM Cable Combination Set Screw Couplings

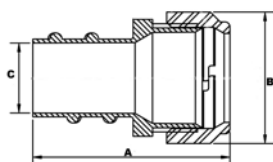


- Set Screw 1/2" EMT to 2 Screw 3/8" BX/NM Cable
- Used on EMT Conduit, BX cable, NM cable
- They allow a quick connection between different conduits to create one continuous raceway
- Zinc Die Cast

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15411	1/2"	1.33	.93	.73	50	500

EMT to Flex Combination Compression Couplings



- To join EMT to Flexible Metallic Conduit
- Compression for EMT and Screw-In for Flex Conduit
- Zinc Die Cast

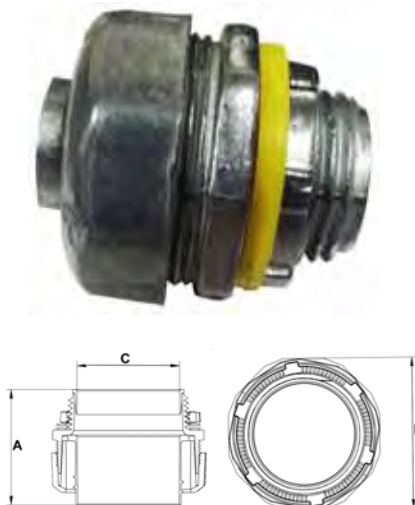
Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15420	1/2"	1.61	.98	.57	50	500
15421	3/4"	1.87	1.20	.73	25	250
15422	1"	1.96	1.43	.92	10	100

Liquid Tight Connectors - Straight - Zinc Die Cast



OR



- ▶ Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- ▶ Connectors can be used with Tapered Threaded Female Entry or Unthreaded KO using the Sealing Washer and Locknut

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C (ID)		
15240	3/8"	1.46	1.30	.42	25	250
15241	1/2"	1.46	1.30	.54	25	250
15242	3/4"	1.46	1.58	.72	15	150
15243	1"	1.87	1.81	.93	8	80
15244	1-1/4"	2.06	2.26	1.26	5	50
15245	1-1/2"	2.07	2.50	1.46	4	40
15246	2"	2.01	3.01	1.89	2	20
15247	2-1/2"	3.33	3.32	2.39	-	12
15248	3"	3.50	4.32	2.95	-	12
15249	3-1/2"	4.05	4.90	3.05	-	6
15250	4"	4.09	5.17	3.83	-	6

Liquid Tight Connectors - Straight - Insulated - Zinc Die Cast



- ▶ Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- ▶ Connector can be used with Tapered Threaded Female Entry or Unthreaded KO using the Sealing Washer and Locknut

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15251	3/8"	1.52	1.30	.42	25	250
15252	1/2"	1.52	1.30	.54	25	250
15253	3/4"	1.52	1.58	.72	15	150
15254	1"	1.93	1.81	.93	8	80
15255	1-1/4"	2.08	2.26	1.26	5	50
15256	1-1/2"	2.15	2.50	1.46	4	40
15257	2"	2.08	3.01	1.89	2	20
15258	2-1/2"	3.41	3.72	2.32	-	10
15259	3"	3.58	4.33	2.93	-	10
15260	3-1/2"	4.07	4.86	3.33	-	6
15261	4"	4.17	5.24	3.83	-	6

90° Liquid Tight Connectors - Zinc Die Cast



- ▶ 90° Orientation
- ▶ Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- ▶ Connectors can be used with Tapered Threaded Female Entry or Unthreaded KO using the Sealing Washer and Locknut

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15280	3/8"	.61	1.30	2.04	15	150
15281	1/2"	.61	1.30	2.10	15	150
15282	3/4"	.81	1.57	2.64	10	100
15283	1"	1.00	1.81	2.93	5	50
15284	1-1/4"	1.36	2.26	3.34	4	40
15285	1-1/2"	1.61	2.50	3.74	2	20
15286	2"	2.05	3.01	4.21	1	10
15287	2-1/2"	2.48	3.72	5.31	-	6
15288	3"	3.10	4.33	6.05	-	4
15289	3-1/2"	3.54	4.86	6.47	-	3
15290	4"	4.10	5.24	6.90	-	3

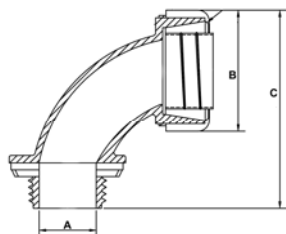
Liquid Tight Fittings

M32

90° Liquid Tight Connectors - Insulated Throat - Zinc Die Cast



- ▶ 90° Orientation
- ▶ Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- ▶ Connectors can be used with Tapered Threaded Female Entry or Unthreaded Knockout using the Sealing Washer and Locknut provided



Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15291	3/8"	.56	1.30	2.09	15	150
15292	1/2"	.56	1.30	2.15	15	150
15293	3/4"	.73	1.57	2.69	10	100
15294	1"	.93	1.81	2.98	5	50
15295	1-1/4"	1.22	1.46	3.40	4	40
15296	1-1/2"	1.46	2.50	3.80	2	20
15297	2"	1.87	3.01	4.27	1	10
15298	2-1/2"	2.32	3.72	5.39	-	6
15299	3"	2.93	4.33	6.13	-	4
15300	3-1/2"	3.33	4.86	6.55	-	3
15301	4"	3.86	5.24	6.98	-	3

Non-Metallic Liquid Tight Connectors - Straight

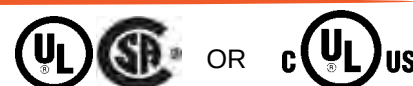


- ▶ Terminate and Seal Non-Metallic Liquid-tight Conduit
- ▶ Nylon Construction with Zinc Die-Cast Locknut
- ▶ UV Resistant

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
21812	3/8"	2.02	1.29	25	100
21813	1/2"	2.11	1.43	25	150
21814	3/4"	2.30	1.70	10	100
21815	1"	2.26	1.91	5	50
21816	1-1/4"	2.70	2.40	5	50
21817	1-1/2"	2.76	2.70	4	40
21818	2"	2.81	3.39	2	20

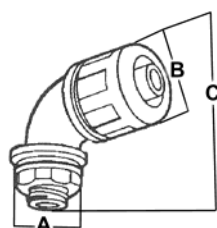
Non-Metallic Liquid Tight Connectors - 90°



- ▶ 90° Orientation
- ▶ Terminate and Seal Non-Metallic liquid-tight Conduit
- ▶ Nylon Construction with Zinc Die-Cast Locknut
- ▶ UV Resistant

Dimensions = Inches

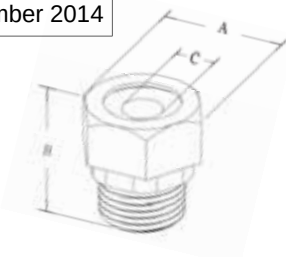
Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
21822	3/8"	.79	1.43	2.28	-	100
21823	1/2"	.80	1.43	2.39	25	150
21824	3/4"	1.00	1.70	2.52	10	100
21825	1"	1.28	1.91	2.74	5	50
21826	1-1/4"	1.64	2.40	4.31	3	30
21827	1-1/2"	1.88	2.70	4.55	2	20
21828	2"	2.37	3.39	4.88	1	10



Cord Grips - Zinc Die Cast



New! Available November 2014



- ▶ Use to Connect S, SO, ST, SJ, SJO and SJT Cord to a Steel Outlet Box or other Metal Enclosure
- ▶ Neoprene Grommet for a moisture proof seal
- ▶ Simple Installation, cord can be installed without disassembly of the fitting
- ▶ Liquid-tight/Oil-tight/Rain-tight
- ▶ Suitable for NEMA 4 Enclosures and other wet locations
- ▶ Male Tapered NPT Threading
- ▶ Colored Seal allows for Easy Identification

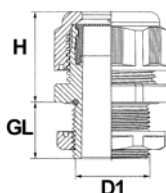
Dimensions = Inches

Cat. No.	Trade Size	Insert Color	Cable Range	Overall Dim.		Inner Box	Outer Box
			C	A	B		
15450	1/2"	Red	.190 - .260	1.22	1.14	25	250
15451	1/2"	Blue	.260 - .375	1.22	1.14	25	250
15452	1/2"	Green	.375 - .500	1.22	1.14	25	250
15453	3/4"	Green	.375 - .500	1.34	1.20	25	250
15454	3/4"	Brown	.500 - .625	1.34	1.20	25	250
15455	3/4"	Orange	.625 - .725	1.34	1.20	25	250
15457	1"	Brown	.500 - .650	1.42	1.69	10	100
15458	1"	Orange	.625 - .750	1.42	1.69	10	100
15459	1"	Black	.750 - .880	1.42	1.69	10	100
15460	1"	Purple	.880 - .985	1.42	1.69	10	100

Metal Cable Glands - NPT Thread



M34

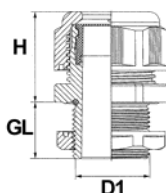


- ▶ Used to introduce cables or leads into metal housings, or to introduce reinforced cables
- ▶ Designed for use in areas of zone 1(2G) and 21(1D) with no risk of explosion and for cables with and without reinforcement
- ▶ In case of systems or housing manufactured according to NEC, the line or the connecting cable must be introduced by conduits, mounting fittings, etc. with NPT threads
- ▶ Working Temp: -40°F to 212°F
- ▶ Brass Nickel Plated
- ▶ IP 68 (NEMA 6P) rated - Submersible & Dustproof



Cat. No.	Cable Range	Dimensions			Inner Bag Qty	Outer Box Qty
		D1 Thread	GL (Inches)	H (Inches)		
22600	.16" - .32"	3/8"	.59	.83	100	1500
22601	.24" - .48"	1/2"	.51	.94	100	800
22602	.40" - .55"	1/2"	.51	.94	50	600
22603	.51" - .71"	3/4"	.51	.98	50	500
22604	.71" - .99"	1"	.67	1.14	25	400

Metal Cable Glands - Metric Thread

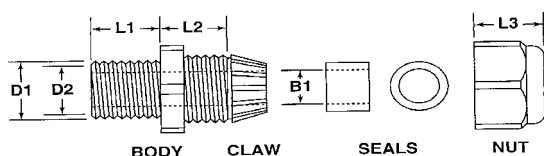


- ▶ Cable Glands with Metric threads are now standard and replacements for the PG Cable Glands
- ▶ Used to introduce cables or leads into metal housings or to introduce reinforced cables
- ▶ Designed for use in areas of zone 1(2G), and 21(1D) with no risk of explosion and for cables with and without reinforcement
- ▶ Working Temp: -40°F to 212°F
- ▶ Brass Nickel Plated
- ▶ IP 68 (NEMA 6P) rated - Submersible & Dustproof



Cat. No.	Cable Range	Dimensions			Inner Bag Qty	Outer Box Qty
		D1 Thread	GL (Inches)	H (Inches)		
22590	.12" - .26"	M12	.26	.75	100	2000
22591	.16" - .32"	M16	.24	.83	100	1500
22592	.20" - .40"	M16	.24	.83	100	1000
22593	.24" - .48"	M20	.24	.91	100	800
22594	.40" - .55"	M20	.24	.91	50	600
22595	.51" - .71"	M25	.28	1.02	50	500
22596	.71" - .99"	M32	.31	1.22	20	400
22597	.87" - 1.26"	M40	.31	1.46	10	160
22598	1.26" - 1.50"	M50	.35	1.46	10	120
22599	1.46" - 1.73"	M63	.39	1.50	10	80

Nylon Cable Glands - NPT Thread

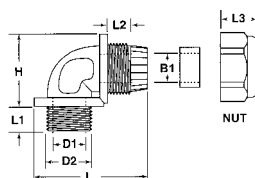


- ▶ Seal & Clamp System allows cord connector to tighten in a Circular Sequence on the sealing ring to give Superior Strain Relief without twisting or damaging the cable
- ▶ Simply push the cable through the liquid-tight nylon strain relief & tighten nut for quick installation
- ▶ Threads into your panel for clearance, locknut included
- ▶ Internal Ratchet with Self-Locking Feature protects against vibration
- ▶ 'Collet' Design Accommodates Various Size Cords, Cables, Tubing, etc.
- ▶ Nylon Body Material is resistant to most common chemicals & solvents
- ▶ For Best Results, Use the Minimum Size that accommodates your cable
- ▶ No Disassembly Required
- ▶ Made of UL approved NYLON 66, 94V-2 (Black)
- ▶ IP68 Rated Submersible & Dustproof
- ▶ UL Recognized - 22534-22542 UR Listed
- ▶ 94V-2 Flame Rating, -22°F to 140°F Temp Rating

Dimensions = Inches

Cat. No.	NPT Thread	Cable Range	D1	D2	B1	L1	L2	L3	Bag Qty	Master Bag Qty
22550	1/4"	0.118" - 0.256"	0.520"	0.327"	0.236"	0.299"	0.500"	0.520"	10	100
22551	3/8"	0.197" - 0.394"	0.646"	0.421"	0.354"	0.575"	0.539"	0.661"	10	100
22552	1/2"	0.394" - 0.551"	0.815"	0.587"	0.500"	0.492"	0.740"	0.724"	10	100
22553	3/4"	0.512" - 0.709"	1.008"	0.728"	0.650"	0.575"	0.701"	0.878"	10	100
22554	1"	0.709" - 0.984"	1.299"	1.024"	0.933"	0.579"	0.811"	1.071"	10	100
22555	1-1/4"	0.866" - 1.260"	1.642"	1.260"	1.142"	0.705"	0.882"	1.236"	10	100

Nylon Cable Glands - NPT Thread - 90°

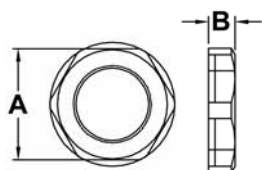


- ▶ Same features as Nylon Cable Gland above
- ▶ 90° Orientation
- ▶ UV Resistant Black
- ▶ 94V-2 Flame Rating, -22°F to 140°F Temp Rating
- ▶ IP68 Rated Submersible & Dustproof

Dimensions = Inches

Cat. No.	NPT Thread	Cable Range	Mounting Hole D1	D2	B1	L1	L2	L3	L	H	Bag Qty	Master Bag Qty
22582	3/8"	.02-.35"	.47"	.65"	.37"	.46"	.39"	.66"	1.91"	1.18"	10	100
22584	1/2"	.39-.51"	.55"	.83"	.51"	.58"	.46"	.72"	2.03"	1.23"	10	100
22586	3/4"	.51-.63"	.76"	1.04"	.65"	.58"	.49"	.88"	2.54"	1.64"	10	100
22588	1-1/4"	.87-1.14"	1.24"	1.64"	1.15"	.74"	.64"	1.22"	3.35"	2.09"	10	100

Nylon NPT Lock Nuts



- ▶ Nylon 66 Material
- ▶ NPT Thread
- ▶ Hexagonal Head
- ▶ UL 94 V-2 Flame Rating

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Box Qty
		W	H	
22556	1/4"	.67	.19	50
22557	3/8"	.87	.20	50
22558	1/2"	1.06	.24	50
22559	3/4"	1.30	.28	50
22560	1"	1.66	.32	50
22561	1-1/4"	1.92	.35	50

Nylon Cable Glands - Multi-Conductor - NPT Thread



- ▶ Same features as Nylon Cable Gland on previous page
- ▶ Multi-Hole Design organizes Multiple Cables within a Gland
- ▶ Easy to Assemble
- ▶ Wide Clamping Range
- ▶ -22°F to 140°F Temperature Rating
- ▶ UV Resistant Black
- ▶ Made of UL Approved NYLON 66
- ▶ Flammability Rating: 94V-2
- ▶ IP68 Rated Submersible & Dustproof

Dimensions = Inches

Cat. No.	NPT Thread	Cable Range	D1	L1	Bag Qty	Master Bag
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2 Hole Gland

22230	1/4	.078 - .122	.52	.31	10	100
22231	3/8	.064 - .102	.66	.57	10	100
22232	3/8	.078 - .122	.66	.57	10	100
22233	3/8	.119 - .161	.66	.57	10	100
22234	1/2	.064 - .102	.83	.51	10	100
22235	1/2	.098 - .138	.83	.51	10	100
22236	1/2	.130 - .170	.83	.51	10	100
22237	1/2	.157 - .240	.83	.51	10	100
22238	3/4	.098 - .138	1.04	.57	10	100
22239	3/4	.138 - .200	1.04	.57	10	100
22240	3/4	.200 - .256	1.04	.57	10	100
22241	3/4	.252 - .343	1.04	.57	10	100
22242	1	.142 - .205	1.31	.59	10	100
22243	1	.200 - .256	1.31	.59	10	100
22244	1	.252 - .343	1.31	.59	10	100
22245	1	.303 - .394	1.31	.59	10	100
22246	1-1/4	.276 - .354	1.65	.72	10	100
22247	1-1/4	.433 - .512	1.65	.72	10	100

3 Hole Gland

22248	1/4	.063 - .102	.52	.31	10	100
22249	3/8	.063 - .102	.66	.57	10	100
22250	3/8	.118 - .165	.66	.57	10	100
22251	1/2	.078 - .118	.83	.51	10	100
22252	1/2	.118 - .165	.83	.51	10	100
22253	1/2	.138 - .205	.83	.51	10	100
22254	3/4	.102 - .142	1.04	.57	10	100
22255	3/4	.142 - .205	1.04	.57	10	100
22256	3/4	.189 - .244	1.04	.57	10	100
22257	3/4	.244 - .315	1.04	.57	10	100
22258	1	.142 - .205	1.31	.59	10	100
22259	1	.189 - .244	1.31	.59	10	100
22260	1	.244 - .315	1.31	.59	10	100
22261	1	.303 - .394	1.31	.59	10	100
22262	1-1/4	.256 - .327	1.65	.72	10	100
22263	1-1/4	.303 - .394	1.65	.72	10	100

4 Hole Gland

22264	1/4	.051 - .091	.52	.31	10	100
22265	3/8	.051 - .091	.66	.57	10	100
22266	3/8	.094 - .134	.66	.57	10	100
22267	1/2	.055 - .094	.83	.51	10	100
22268	1/2	.094 - .134	.83	.51	10	100
22269	1/2	.134 - .189	.83	.51	10	100
22270	3/4	.063 - .098	1.04	.57	10	100
22271	3/4	.098 - .142	1.04	.57	10	100
22272	3/4	.150 - .205	1.04	.57	10	100
22273	3/4	.220 - .287	1.04	.57	10	100
22274	1	.079 - .122	1.31	.59	10	100
22275	1	.118 - .161	1.31	.59	10	100
22276	1	.150 - .205	1.31	.59	10	100
22277	1	.220 - .287	1.31	.59	10	100
22278	1	.276 - .354	1.31	.59	10	100
22279	1-1/4	.394 - .472	1.65	.72	10	100

Dimensions = Inches

Cat. No.	NPT Thread	Cable Range	D1	L1	Bag Qty	Master Bag
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5 Hole Gland

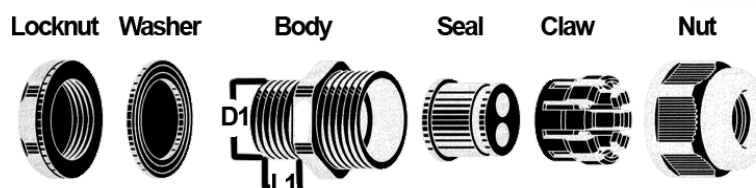
22280	3/8	.079 - .110	.66	.57	10	100
22281	1/2	.051 - .079	.83	.51	10	100
22282	1/2	.079 - .110	.83	.51	10	100
22283	1/2	.118 - .161	.83	.51	10	100
22284	3/4	.047 - .079	1.04	.57	10	100
22285	3/4	.079 - .122	1.04	.57	10	100
22286	3/4	.118 - .161	1.04	.57	10	100
22287	3/4	.142 - .181	1.04	.57	10	100
22288	3/4	.181 - .236	1.04	.57	10	100
22289	1	.102 - .142	1.31	.59	10	100
22290	1	.142 - .181	1.31	.59	10	100
22291	1	.181 - .237	1.31	.59	10	100
22292	1	.237 - .315	1.31	.59	10	100
22293	1-1/4	.256 - .327	1.65	.72	10	100

6 Hole Gland

22294	3/8	.055 - .083	.66	.57	10	100
22295	1/2	.051 - .079	.83	.51	10	100
22296	1/2	.079 - .118	.83	.51	10	100
22297	3/4	.055 - .083	1.04	.57	10	100
22298	3/4	.079 - .118	1.04	.57	10	100
22299	3/4	.102 - .142	1.04	.57	10	100
22300	3/4	.142 - .205	1.04	.57	10	100
22301	1	.102 - .142	1.31	.59	10	100
22302	1	.142 - .205	1.31	.59	10	100
22303	1	.220 - .276	1.31	.59	10	100

7 Hole Gland

22304	1/2	.051 - .079	.83	.51	10	100
22305	1/2	.079 - .118	.83	.51	10	100
22306	3/4	.051 - .079	1.04	.57	10	100
22307	3/4	.079 - .118	1.04	.57	10	100
22308	3/4	.102 - .142	1.04	.57	10	100
22309	1	.102 - .142	1.31	.59	10	100
22310	1	.181 - .236	1.31	.59	10	100



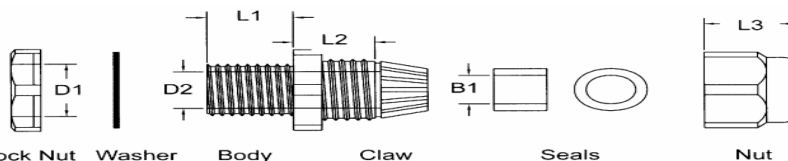
Cable Glands
Fittings

M36

Nylon Cable Glands - Metric Thread



- ▶ Seal & Clamp System allows the cord connector to tighten in a Circular Sequence on the sealing ring to give Superior Strain Relief without twisting or damaging the cable
- ▶ Simply push the cable through the liquid-tight nylon strain relief & tighten nut for quick installation
- ▶ Threads into your panel for clearance, locknut included
- ▶ Internal Ratchet with Self-Locking Feature protects against vibration
- ▶ 'Collet' Design Accommodates Various Size Cords, Cables, Tubing, etc.
- ▶ Nylon Body Material is resistant to most common chemicals & solvents
- ▶ For Best Results, Use the Minimum Size that accommodates your cable
- ▶ No Disassembly Required
- ▶ Made of UL approved NYLON 66, 94V-2 (Black)
- ▶ -22°F to 140°F Temperature Rating
- ▶ IP68 Rated Submersible & Dustproof
- ▶ Metric Thread - Does not have NPT threading
- ▶ UL Recognized - 22564-22568 UR Listed



*Sku's Not UL Recognized

Lock Nut Washer

Body

Claw

Seals

Nut

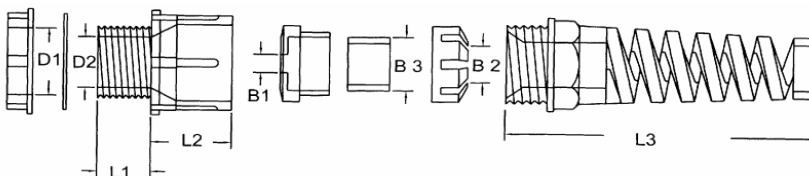
Dimensions = Inches

Cat. No.	Mounting Hole (D1)	Cable Range	Thread Pitch (mm)	D2	B1	L1	L2	L3	Bag Qty	Master Bag Qty
22532*	.47"	.12-.26"	1.25	.33"	.24"	.31"	.48"	.52"	10	100
22534	.63"	.20-.39"	1.50	.43"	.38"	.62"	.57"	.66"	10	100
22536	.79"	.39-.55"	1.50	.58"	.51"	.59"	.78"	.72"	10	100
22538	.98"	.51-.71"	1.50	.73"	.65"	.59"	.74"	.88"	10	100
22540	1.26"	.71-.98"	1.50	1.02"	.92"	.58"	.80"	1.03"	10	100
22542	1.57"	.87-1.26"	1.50	1.30"	1.20"	.70"	.92"	1.24"	10	100
22544*	1.97"	1.18-1.50"	1.50	1.62"	1.50"	.68"	1.01"	1.24"	10	100
22546*	2.40"	1.34-1.73"	1.50	2.13"	1.73"	.73"	1.06"	1.28"	10	100
22548*	2.48"	1.65-1.97"	1.50	2.20"	1.95"	1.00"	1.16"	1.43"	10	100

Nylon Cable Glands - Metric Thread (With Strain Relief)



- ▶ Extended Cord Support Strain Relief Feature
- ▶ Seal & Clamp System allows the cord connector to Tighten in a Circular Sequence on the sealing ring to give Superior Strain Relief without twisting or damaging the cable
- ▶ Simply push the cable through the liquid tight nylon strain relief & tighten nut for quick installation
- ▶ Threads into your panel for clearance, locknut included
- ▶ Internal Ratchet with Self-Locking Feature protects against vibration
- ▶ 'Collet' Design Accommodates Various Size Cords, Cables, Tubing, etc.
- ▶ Nylon body Material is resistant to most common chemicals & solvents
- ▶ For Best Results, Use the Minimum Size that fits into your cable
- ▶ No Disassembly Required
- ▶ Made of UL approved NYLON 66, 94V-2 (Black)
- ▶ -22°F to 140°F Temperature Rating
- ▶ IP68 Rated Submersible & Dustproof
- ▶ Metric Thread - Does not have NPT threading
- ▶ UL Recognized - 22564-22568 UR Listed



*22562 Not UL Recognized

Lock Nut Washer

Body

Seals

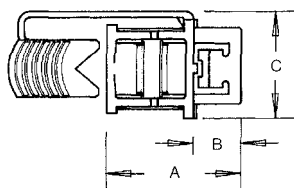
Claw

Nut

Dimensions = Inches

Cat. No.	Mounting Hole (D1)	Cable Range	Thread Pitch (mm)	D2	B1	L1	L2	L3	Bag Qty	Master Bag Qty
22562*	.47"	.12-.26"	1.25	.33"	.24"	.31"	.48"	.52"	10	100
22564	.63"	.20-.39"	1.50	.43"	.38"	.62"	.57"	.66"	10	100
22566	.79"	.39-.55"	1.50	.58"	.51"	.59"	.78"	.72"	10	100
22568	.98"	.51-.71"	1.50	.73"	.65"	.59"	.74"	.88"	10	100

Non-Metallic Romex Cable Connector



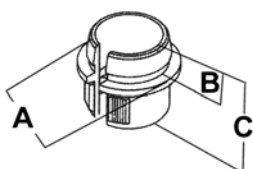
► Accommodates:

- One or Two 14-2, 14-3 and 12-2 Cables,
One 12-3, 10-2 and 10-3 cable,
- One or Two .300" to .600" Diameter Cords
- Push-in Design with a Captive Locking Wedge that
secures cable with a single squeeze with pliers
- Excellent Insulation and Superior Strain Relief
- Sized to fit 1/2" Knockout

Dimensions = Inches

Cat. No.	Size	Dimensions			Bag Qty	Case Qty
		A	B	C		
21762	1/2"	1.35"	.50"	1.00"	50	1000

Non-Metallic Romex Cable Connector

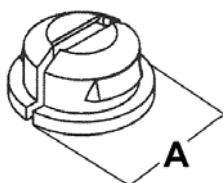


- Smaller and Easily Installed in confined areas
- No tools Required
- Simple Snap-in Installation
- Easily Removed from Knockouts and Easy Removal of
Romex from Connector
- A Labor Saving Connector with 60 pound Test Pull
- 21764 is gray and 21765 is black

Dimensions = Inches

Cat. No.	Size	Cable Size	Dimensions			Bag Qty	Case Qty
			A	B	C		
21764	1/2"	Single Cable 14/2 - 10/3 Two Cables 14/2, 12/2, 14/3	1"	3/8"	15/16"	100	3000
21765	3/4"	Three Cables (3)#6 - (3)#8	1-5/16"	5/8"	1"	50	1000

Non-Metallic Romex Cable Connector

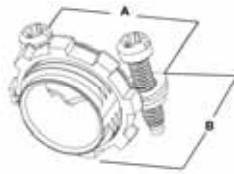


- Smaller and Easily Installed in confined areas
- No tools Required
- Simple Snap-in Installation
- Easily Removed from Knockouts and Easy Removal of
Romex from Connector

Dimensions = Inches

Cat. No.	KO Size	Cable Size	Dim. "A"	Bag Qty	Case Qty
21766	1/2"	14/2 or 12/2	1-1/16"	100	5000

3/8" Romex Connector - Zinc Die Cast

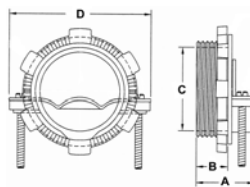


- Used to connect Non-Metallic Sheath Cable and Flexible Cord from .30" to .45" in diameter to Outlet Boxes, Enclosures, or Raceway Systems
- 3/8" size fits 1/2" knockout
- Assembled with Zinc Die Cast Locknut and Combo Screws

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
15330	3/8"	1.18	.78	100	1000

Non-Watertight NM Round Connectors - Zinc Die Cast



- Used with Locknut to Terminate Service Entrance Cable to Enclosure
- Assembled with Zinc Die Cast Locknut and Combo Screws
- For Type SEU and NM Cable

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
15331	3/4"	.83	.32	.83	1.67	40	400
15332	1"	1.14	.55	1.04	1.95	20	200
15333	1-1/4"	1.24	.57	1.38	2.20	15	150
15334	1-1/2"	1.40	.57	1.61	2.60	10	100
15335	2"	1.50	.65	2.05	3.03	8	80

Non-Watertight NM Oval Connectors - Zinc Die Cast

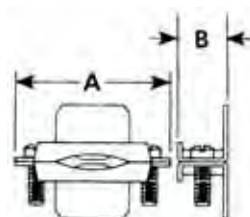
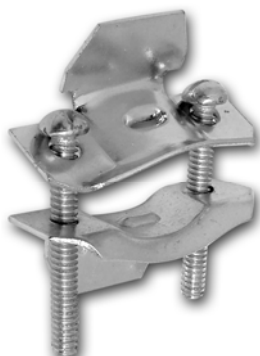


- Used with Locknut to Terminate NM Cable to Enclosure
- Assembled with Zinc Die Cast Locknut and Combo Screws
- For NM Oval Cable

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15337	1-1/4"	2.26	1.29	1.91	10	100
15338	1-1/2"	2.84	1.30	2.19	10	100
15339	2"	3.48	1.51	2.76	5	50

Tilt-in Romex Connectors – Steel

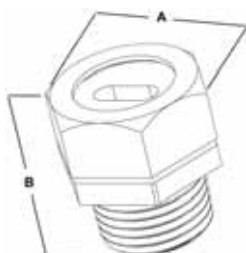


- To terminate one or more Non-Metallic Sheathed Cables to a Knockout in a dry location box or enclosure
- Zinc Plated Steel
- No locknut Required

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
19012	1/2"	1.31	.59	100	1000
19013	3/4"	1.73	.75	-	100
19014	1-1/4"	1.97	.69	-	50
19015	1-1/2"	2.52	.78	25	250

Water-Tight Service Entrance Connectors - Zinc Die-Cast



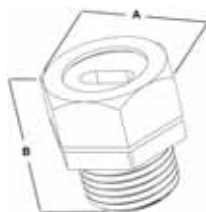
**New! Available
November 2014**

- Compression Type SEU Connector
- Used to Connect Service Entrance Cable to a Service Enclosure in Wet Locations
- Accepts 2 Insulated Conductors, 1 Bare
- U/Flat Style Conductor Only
- Assembled with Rubber Grommet and Steel Washer
- Locknut Included

Dimensions = Inches

Cat. No.	Trade Size	Cable Size	Max Grommet Opening		Overall Dimensions		Inner Box	Outer Box
			Length	Width	A	B		
15370	1"	#8	.67	.40	1.67	1.45	20	100
15371	1"	#6	.77	.50	1.67	1.45	20	100
15372	1"	#4	.81	.53	1.67	1.45	20	100
15373	1-1/4"	#3	.92	.56	2.05	1.80	10	50
15374	1-1/4"	#2	.98	.59	2.05	1.80	10	50
15375	1-1/4"	#1	1.09	.65	2.05	1.80	10	50
15377	1-1/2"	#2/0	1.34	.86	2.31	2.02	10	50
15379	2"	#2/0	1.34	.86	2.82	2.39	5	25
15380	2"	#3/0	1.37	.87	2.82	2.39	5	25
15381	2"	#4/0	1.50	.90	2.82	2.39	5	25
15382	2"	#4/0	1.73	1.11	2.82	2.39	5	25

Under-Ground Feed UF To Box Connector - Zinc Die Cast

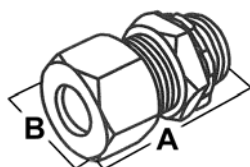


- Used to Connect Underground Feeder Cables (UF) To Weatherproof Enclosures in Wet Locations.
- Assembled with a Rubber Grommet and Steel Washer
- Sealing Locknut System

Dimensions = Inches

Cat. No.	Trade Size	Cable Size	Max Grommet Opening		Overall Dimensions		Inner Box	Outer Box
			Length	Width	A	B		
15386	1/2"	14/2,12/2,10/2	.475	.235	1.22	1.14	25	250
15387	3/4"	14/3,12/3,10/3, 8/2	.720	.260	1.34	1.20	25	250

Kenny Clamps



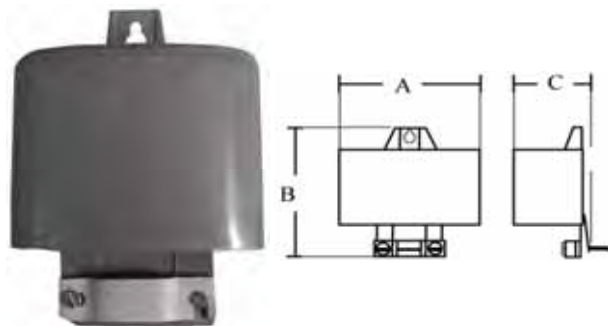
- UL 467 listed connector for use with Equipment Ground Conductors, Ground Electrode Conductors and Bonding Jumpers
- The Kenny Clamp bonds the enclosure of a service panel-board, load center, separately derived system or switchboard to the grounding electrode conductor per the requirements of NEC 250.8; 312.5(A); 250.53 D(2); 250.52 (A)(1); 250.52(A)(3); 250.66; 250.104 (D)(1); 250.24; 450.10(A)
- Assures good metallic connection and low impedance path for grounding and bonding of electrical equipment
- 12000 amp listed and tested
- Brass

Dimensions = Inches

Cat. No.	Model No.	Trade Size	Dimensions		Inner Box	Outer Box
			A	B		
15390	KC8ST	8 Awg Stranded	1.75	1.06	10	100
15391	KC8SO	8 Awg Solid	1.75	1.06	10	100
15392	KC6SO	6 Awg Solid	1.75	1.06	10	100
15393	KC6ST	6 Awg Stranded	1.75	1.06	10	100
15394	KC4SO	4 Awg Solid	1.75	1.06	10	100
15395	KC4ST	4 Awg Stranded	1.75	1.06	10	100
15396	KC2ST	2 Awg Stranded	1.75	1.06	10	100
15397	KC1AST	1/0 Stranded	1.75	1.06	10	100
15398	KC2AST	2/0 Stranded	1.75	1.06	10	100
15399	KC3AST	3/0 Stranded	1.75	1.06	10	100



Non-Metallic Service Entrance Cable Hoods

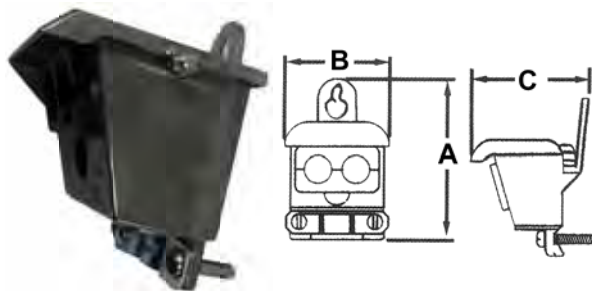


- Provides Protection to Service Entrance Cables
- Non-Metallic PVC construction
- Suitable for Outdoor use

Dimensions = Inches

Cat. No.	Cable Size	Dimensions			Box Qty
		A	B	C	
15500	(3)#3 to #1	4.25	6.02	2.00	10
15501	(3)2/0 to 4/0	5.90	6.12	2.50	10

Aluminum Service Entrance Caps - SEU Cable



- Used with Type U Service Entrance Cable
- Removable Cap and 2 Piece Insulator Make Wire Pulling and Assembly Easy
- Cable Clamp

Dimensions = Inches

Cat. No.	Cable Size	Dimensions			Box Qty
		A	B	C	
15502	(3)#8 to #1	2.96	2.76	2.59	175
15504	(3)1/0 to 4/0	4.48	3.79	3.60	54

PVC Entrance Caps - Cable Clamp



- Rigid, weather-resistant material assembled with a Galvanized Back Plate for easy installation

Dimensions = Inches

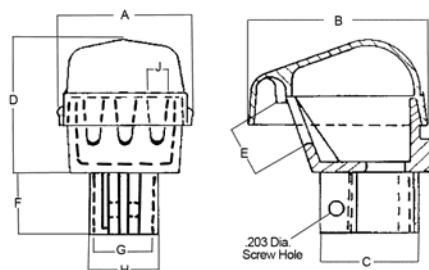
Cat. No.	Size	Cable Size	Dimensions		Box Qty
			A	B	
21772	Small	(3) #8, 6, 4, 2	2.75	2.80	20
21773	Medium	(3) 1/0 to 2/0	4.25	4.90	10
21774	Large	(3) 3/0 to 4/0	4.25	4.90	10

PVC Entrance Caps - Conduit Mount



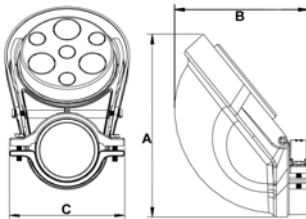
- Entrance head for mounting on PVC, RIGID, IMC and EMT Conduit (Red adaptor included for EMT)
- Rugged Non-Metallic Design is resistant to adverse weather conditions
- Provides 50% Larger Wiring Compartment than other entrance heads
- Entire Head acts as an Insulator of high dielectric strength

Dimensions = Inches



Cat. No.	Size	Dimensions									Box Qty
		A	B	C	D	E	F	G	H	J	
21782	1/2"	2.00	2.71	1.50	1.97	.69	.94	.86	2.61	.31	200
21783	3/4"	2.41	2.30	1.72	2.23	.81	.94	1.07	1.25	.44	140
21784	1"	2.41	2.30	1.97	2.23	.81	1.13	1.33	1.31	.44	140
21785	1-1/4"	3.03	4.03	2.34	2.66	.88	1.09	1.68	1.89	.53	75
21786	1-1/2"	3.500	4.03	2.59	2.63	.88	1.13	1.92	2.13	.63	75
21787	2"	4.53	6.31	3.38	3.81	1.44	1.63	2.39	2.69	.75	20

Aluminum Service Entrance Cap - Clamp On

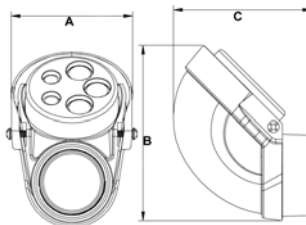


- ▶ Clamp-on type head used with Rigid conduit, IMC or E.M.T. for pulling service drop conductors
- ▶ Cast Aluminum
- ▶ Bar type Clamp
- ▶ Heavy pressure clamp in body
- ▶ Weather resistant
- ▶ Assembled with electrical grade phenolic insulator with multiple holes

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15520	1/2"	2.68	2.50	2.19	-	100
15521	3/4"	3.04	2.76	2.39	-	100
15522	1"	3.48	2.96	2.58	-	100
15523	1-1/4"	4.22	3.27	3.06	-	60
15524	1-1/2"	5.22	4.28	3.49	-	60
15525	2"	6.68	5.81	4.33	-	30
15526	2-1/2"	9.94	7.05	6.54	1	4
15527	3"	11.69	8.54	6.93	1	4
15528	3-1/2"	11.69	8.54	7.28	1	4
15529	4"	11.69	8.54	7.86	1	4

Aluminum Service Entrance Cap - Conduit Mount Threaded

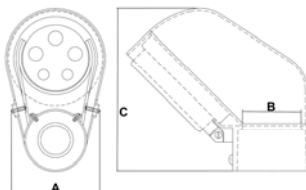


- ▶ Conduit Mount Head used with Rigid or IMC for Pulling Service Entrance Conductors
- ▶ Weather Resistant
- ▶ Assembled with Electrical Grade Phenolic Insulator with multiple holes

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Inner Box	Outer Box
		A	B	C		
15530	1/2"	1.97	2.68	2.29	-	100
15531	3/4"	2.13	3.04	2.66	-	100
15532	1"	2.36	3.48	2.96	-	100
15533	1-1/4"	2.68	4.22	3.11	-	60
15534	1-1/2"	3.39	5.22	4.06	-	60
15535	2"	4.33	6.69	5.28	-	30
15536	2-1/2"	6.30	9.94	6.69	1	4
15537	3"	7.99	11.69	8.08	1	4
15538	3-1/2"	7.99	11.69	8.08	1	4
15539	4"	7.99	11.69	8.08	1	4

Aluminum Service Entrance Cap - Slip Fitter Mast Head

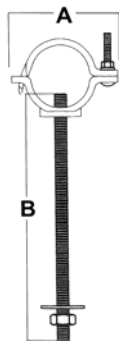


- ▶ Slip Fitter Mast Head used with Rigid or IMC Conduit for Pulling Service Drop conductors
- ▶ Cast Aluminum
- ▶ Mast type Clamp
- ▶ Screw does not bear directly on conduit
- ▶ Weather Resistant
- ▶ Assembled with electrical grade phenolic insulator with multiple holes

Dimensions = Inches

Cat. No.	Conduit Size	Insulator Cap Size	Dimensions			Set Screw Screw	Box Qty
			A	B	C		
15540	2"	1-1/4"	3.46	1.95	3.75	1/4-20 x 5/8	50
15541	2-1/2"	1-1/4"	3.46	1.95	3.75	1/4-20 x 1/2	50
15542	2-1/2"	2"	4.68	1.95	4.88	1/4-20 x 5/8	50

Malleable Mast Support Clamp Wire

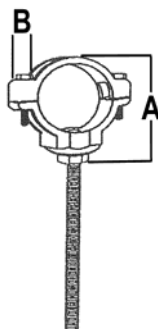


- Used to secure Service Entrance Conduit to the Outside surface of a building
- Hinged on one side and bolted on other side for easy installation
- Machined Bolt and Nut
- Malleable Iron

Dimensions = Inches

Cat. No.	Conduit Size	Dimensions		Box Qty
		A	B	
21830	2"	4.23	10	25
21831	2-1/2"	4.79	10	25

Conduit Support Split Ring



- Used to secure Service Entrance Conduit to the Outside surface of a building
- Bolted on both sides
- Malleable Iron

Dimensions = Inches

Cat. No.	Conduit Size	Bolt Size	Dimensions		Box Qty
			A	B	
21835	2"	1/2" x 10"	2.70	.99	25
21836	2-1/2"	1/2" x 10"	3.33	1.07	25
21837	3"	5/8" x 13"	4.50	1.04	10
21838	3-1/2"	5/8" x 13"	5.13	1.08	10
21839	4"	5/8" x 13"	5.60	1.08	10

Conduit Support Universal

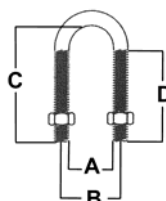


- Used to secure Service Entrance Conduit to the Outside surface of a building
- 1/2" x 10" Bolt
- Zinc Plated Steel

Dimensions = Inches

Cat. No.	Conduit Size	Dimensions		Box Qty
		A	B	
21833	1-1/4" to 3"	3.80	10.00	20

Malleable U-Bolt Pipe Clamps

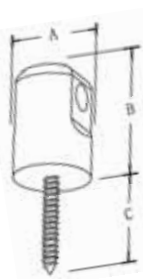


- Recommended for supporting or guiding heavy loads along runs of non-insulated pipe
- 2 hex nuts
- Malleable Iron - Galvanized

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
21840	1/2"	1.00	1.25	2.50	1.81	25	250
21841	3/4"	1.12	1.38	2.81	1.81	25	250
21842	1"	1.38	1.63	3.06	1.81	25	250
21843	1-1/4"	1.75	2.00	3.19	1.81	20	200
21844	1-1/2"	2.00	2.38	3.50	1.81	20	200
21845	2"	2.50	2.50	4.50	2.63	10	100
21846	2-1/2"	3.00	3.25	4.88	2.63	-	20
21847	3"	3.63	3.88	5.38	2.63	-	20
21848	3-1/2"	4.06	4.56	5.88	2.63	-	20
21849	4"	4.69	5.06	6.69	2.63	-	20

Lag Type Service Insulator Wire Holder

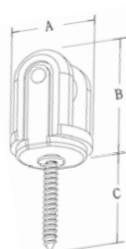


- ▶ Indoor or Outdoor use in Overhead Service Entrance
- ▶ These small ceramic insulators can also be used with all fence wire including high tensile, poly rope and poly tape
- ▶ 600V or Less

Dimensions = Inches

Cat. No.	Duty	Screw Size	Dimensions			Box Qty
			A	B	C	
21892	Light	1/4" X 1-11/16"	1.37	1.98	1.62	100
21894	Medium	3/8" X 2-1/4"	1.90	2.90	1.85	50

Porcelain Wire Holders - Heavy Duty Reinforced



- ▶ Single-point wire holders are strong and compact
- ▶ Solid Rivet through head
- ▶ Made with Porcelain and Galvanized Steel
- ▶ Quick and easy installation for most projects
- ▶ For use with wooden construction

Dimensions = Inches

Cat. No.	Screw Size	Dimensions			Box Qty
		A	B	C	
21896	3/8" X 2-1/4" Lag	2.11	2.90	3.00	50

Porcelain Wire Holders - Heavy Duty Adjustable



- ▶ Ceramic Wire holder has a steel reinforced saddle for use with pipe or pole attachment
- ▶ Adjustable Steel Clamp
- ▶ Fits 1-1/4" to 3" Conduit/Pipe

Dimensions = Inches

Cat. No.	Conduit Size	Dimensions			Clamp Min. Dia.	Clamp Max. Dia.	Box Qty
		A	B	C			
21898	1-1/4" to 3"	2.11	2.90	3.80	1.62	3.93	20

Service Entrance Insulator Wire Holder - 2" Pipe Hanger

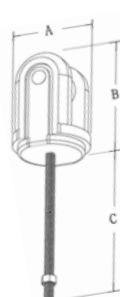


- ▶ Ceramic Service Entrance Wire Insulator with 2" Conduit/Pipe Hanger Clamp
- ▶ Fits 2" Rigid or EMT Conduit

Dimensions = Inches

Cat. No.	Conduit Size	Dimensions			Box Qty
		A	B	C	
21897	2"	2.11	2.90	2.38	25

Service Entrance Insulator Wire Holder - 3/8" X 5" Bolt

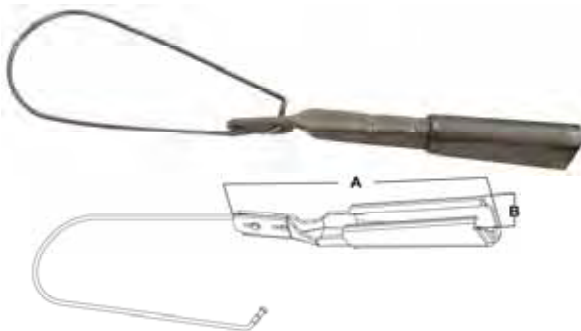


- ▶ Single-point wire holders are strong and compact
- ▶ Solid rivet through head
- ▶ Made with porcelain and galvanized steel
- ▶ Bolt & Nut Type Wire Holder

Dimensions = Inches

Cat. No.	Bolt Size	Dimensions			Box Qty
		A	B	C	
21899	3/8" x 5"	2.11	2.90	5.00	25

Wedge Clamps



- ▶ Designed to hold triplex overhead service-entrance cable to a mounting structure
- ▶ Aluminum wedge and shell with a stainless-steel ball
- ▶ Can be used indoors or outdoors
- ▶ Corrosion resistant
- ▶ Installs quickly and easily

Dimensions = Inches

Cat. No.	ACSR Range	Dimensions		Box Qty
		A	B	
28881	#6-#2	5.94	.85	50
28882	#4-1/0	7.21	1.04	25
28883	2/0-4/0	7.21	1.22	25

Wire Rope Clip - Guy Wire



- ▶ For Guy Wire
- ▶ Malleable Iron
- ▶ Galvanized

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Box Qty
		A	B	
17302	1/4"	1.50	0.25	50

PVC Sill Plates



- ▶ Covers service cable where it bends to enter the building for an attractive finish
- ▶ May be used on all cable sizes from three #4 to three 1/0
- ▶ Unaffected by seasonal temperature extremes
- ▶ Costs less than heavier metal types

Dimensions = Inches

Cat. No.	Wire Size	Dimensions				Box Qty
		A	B	C	D	
21768	(3)#4 to (3)1/0	1.15	1.07	3.00	2.93	250

Steel Snap In Blanks



- ▶ For use in closing off unused openings in boxes or panel boards
- ▶ All steel construction provides installation integrity
- ▶ Snap-Fit Design

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
21800	1/2"	1.08	.29	100	1000
21801	3/4"	1.23	.31	100	1000
21802	1"	1.47	.34	100	1000
21803	1-1/4"	1.88	.37	50	500
21804	1-1/2"	2.22	.31	50	500
21805	2"	2.67	.34	10	100

Type S With Screw and Bar Knockout Seals



New! Available
November 2014

- ▶ Set screw/bar type knockout seals are inserted in open box knockouts to protect exposed wires
- ▶ Used in standard, air tight or dust tight applications
- ▶ Pre-assembled screw and backer bar slides on open knockout holes without removing box devices or covers
- ▶ Steel Galvanized

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
21790	1/2"	1.20	.27	100	500
21791	3/4"	1.39	.32	100	500
21792	1"	1.66	.28	50	500
21793	1-1/4"	2.10	.33	50	500
21794	1-1/2"	2.46	.33	10	300
21795	2"	2.94	.34	10	300
21796	2-1/2"	3.75	.34	-	100
21797	3"	4.51	.34	-	100
21798	3-1/2"	5.01	.344	-	100
21799	4"	5.50	.34	-	100



Straps

- ▶ EMT Straps N1
- ▶ Rigid Straps N1-N2
- ▶ SEU & BX Straps N2-N3
- ▶ PVC Straps & Conduit Hangers N3
- ▶ Plastic Cable Clips N4
- ▶ Cable Stacker, Nail Plates, Nail Straps N5

1 Hole EMT Pipe Straps - Steel



- ▶ Secures EMT Conduit
- ▶ Reinforced Rib for Extra Strength
- ▶ Reinforced Hole
- ▶ Snap-On Installation
- ▶ 19431-19433 Fits EMT, Rigid, or IMC conduit
- ▶ Zinc Plated Steel

Cat. No.	Trade Size	Inner Box	Outer Box
19400	1/2"	100	1000
19401	3/4"	100	1000
19402	1"	100	500
19403	1-1/4"	25	250
19404	1-1/2"	20	100
19405	2"	10	100
19431	3"	-	10
19432	3-1/2"	-	10
19433	4"	-	10

2 Hole EMT Pipe Straps - Steel



- ▶ Secures EMT Conduit
- ▶ Reinforced Rib for Extra Strength
- ▶ 2 Hole - Reinforced Holes
- ▶ Snap-On Installation
- ▶ Zinc Plated Steel

Cat. No.	Trade Size	Inner Box	Outer Box
19412	1/2"	100	1000
19413	3/4"	50	500
19414	1"	25	250
19415	1-1/4"	25	250
19416	1-1/2"	10	100
19417	2"	5	50

1 Hole Rigid Pipe Straps - Heavy Duty - Steel



- ▶ Secures Rigid & IMC Conduit
- ▶ Reinforced Rib for Extra Strength
- ▶ Reinforced Hole
- ▶ Snap-On Installation
- ▶ 19431-19433 Fits EMT, Rigid, or IMC conduit
- ▶ Zinc Plated Steel

Cat. No.	Trade Size	Inner Box	Outer Box
19424	1/2"	100	1000
19425	3/4"	50	500
19426	1"	25	250
19427	1-1/4"	25	250
19428	1-1/2"	20	200
19429	2"	10	100
19430	2-1/2"	5	50
19431	3"	-	10
19432	3-1/2"	-	10
19433	4"	-	10
19434*	5"	-	10
19435*	6"	-	10

*Not UL listed

2 Hole Rigid Pipe Straps - Steel



- ▶ Secures Rigid & IMC Conduit
- ▶ Reinforced Rib for Extra Strength
- ▶ Reinforced Holes
- ▶ Snap-On Installation
- ▶ Zinc Plated Steel

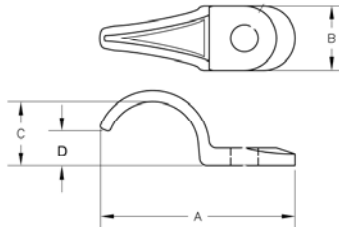
Cat. No.	Trade Size	Inner Box	Outer Box
19436	1/2"	100	1000
19437	3/4"	50	500
19438	1"	25	250
19439	1-1/4"	20	200
19440	1-1/2"	10	100
19441	2"	5	50
19442	2-1/2"	-	50
19443	3"	-	50
19444	4"	-	10
19445*	5"	-	10
19446*	6"	-	10

*Not UL listed

1 Hole Rigid Pipe Straps - Malleable Iron



- Secures Rigid & IMC Conduit
- Malleable Iron, Heavy Duty Casting
- Reinforced Rib for Extra Strength
- Snap-On Installation
- Zinc Plated



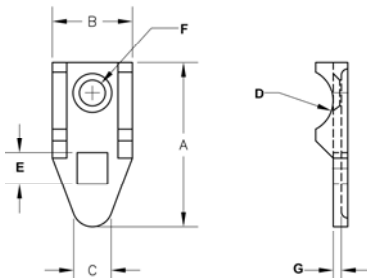
Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
19522	1/2"	2.25	.66	.94	.35	100	1000
19523	3/4"	2.26	.75	1.22	.49	50	500
19524	1"	3.06	.81	1.50	.63	25	250
19525	1-1/4"	3.69	.88	1.88	.82	20	200
19526	1-1/2"	4.00	1.00	2.06	.91	10	100
19527	2"	5.06	1.13	2.56	1.16	-	25
19528	2-1/2"	6.10	1.60	3.30	1.38	-	25
19529	3"	7.28	1.46	3.70	1.71	-	25
19531	4"	8.86	2.08	4.85	2.23	-	10
19532	5"	9.38	2.59	6.00	2.88	-	2
19533	6"	10.38	3.13	7.00	3.38	-	2

Malleable EMT/Rigid Clamp Back Spacers



- Provides Space between conduit and mounting surface
- For use with malleable iron or aluminum straps
- Can be used with one hole straps
- Heavy Duty Casting



Dimensions = Inches

Cat. No.	Trade Size	Dimensions							Inner Box	Outer Box
		A	B	C	D	E	F	G		
14782	1/2"	2.06	1.00	.50	.43	.32	.40	.08	25	250
14783	3/4"	2.38	1.06	.50	.53	.32	.40	.08	25	250
14784	1"	2.94	1.25	.56	.67	.32	.40	.08	25	250
14785	1-1/4"	3.50	1.38	.75	.84	.32	.40	.08	10	100
14786	1-1/2"	3.81	1.44	.81	.96	.32	.40	.08	10	100
14787	2"	4.75	1.94	1.00	1.20	.32	.40	.08	5	50
14788	2-1/2"	5.75	2.44	.75	1.45	.32	.40	.08	-	25
14789	3"	6.69	2.63	.088	1.77	.32	.40	.08	-	10
14790	3-1/2"	7.13	2.88	1.08	2.02	.32	.40	.08	-	10
14791	4"	8.88	3.06	1.06	2.27	.32	.40	.08	-	10
14792	5"	10.13	3.75	.06	2.81	.32	.40	.08	-	10
14793	6"	12.19	4.00	.75	3.35	.32	.40	.08	-	10

1 Hole SEU Pipe Straps



- Secures SE & SEU Service Entrance Cable
- Zinc Plated Steel

Cat. No.	Cable Size	Inner Box	Outer Box
19452	(3)#8, (3)#6 or (3)#4	100	1000
19453	(3)#3 or (3)#2	100	1000
19454	(3)#1, (3)#1/0, (3)#2/0	50	500
19455	(3)#3/0, (3)#4/0	50	500

2 Hole SEU Pipe Straps



- Secures SE & SEU Service Entrance Cable
- Zinc Plated Steel

19456 & 19457 Available January 2015

Cat. No.	Cable Size	Inner Box	Outer Box
19456	(3)#8 or (3)#6, (3)#4	100	1000
19457	(3)#2 or (3)#3	100	1000
19458	(3)#1, (3)#1/0, or (3)#2/0	50	500
19459	(3)#3/0, (3)#4/0	25	250

Non Metallic Cable One Hole Strap



Available
January 2015

- Used To Secure 14/2 NM Romex Cables

Cat No.	Cable Size	Inner Box	Outer Box
19460	14/2	25	250

BX 1 Hole Strap



- These one-hole pipe straps are ideal for hanging tubing, pipe, conduit and BX cable
- Pre-galvanized zinc plated steel

Cat No.	Cable Size	Box Qty
19463*	BX: 14-2 thru 10-3	100
19464	EMT: 1/2", Rigid: 1/4", BX: 12-3,10-2,10-3 SER 8	100

*Not UL listed

2 Hole PVC Pipe Straps



- For Schedule 40 PVC Conduit
- Heavy Duty Polyethylene resists deterioration from UV rays and breakage from extreme cold

Cat. No.	Trade Size	Box Qty
19490	1/2"	100
19492	3/4"	100
19494	1"	100
19496	1-1/4"	50
19498	1-1/2"	50
19500	2"	50
19501	2-1/2"	25
19502	3"	25
19503	4"	25

Conduit Hanger with Bolt



- Secures EMT or Rigid Conduit to any mounting surface, Threaded Rod or Insulated Supports
- Zinc Plated Steel

Cat. No.	Trade Size	Outer Box
19470	1/2"	100
19471	3/4"	100
19472	1"	100
19473	1-1/4"	100
19474	1-1/4" to 1-1/2"	100
19475	1-1/2"	100
19476	2"	50
19477	2-1/2"	25
19478	3"	25
19479	3-1/2"	25
19480	4"	25

Plastic Cable Clips



Fig 1



Fig 2



Fig 3

- ▶ Impact resistant, non-corrosive
- ▶ Complete with corrosion resistant, hardened steel nails for securing cable to wood, cement, plaster, brick, etc.
- ▶ Nail heads are recessed for minimum exposure
- ▶ Smooth saddle prevents damage to insulation
- ▶ High-grade injection-molded polyethylene
- ▶ Resists rot, rust and the effects of temperature extremes

Dimensions = Inches

Cat No.	Fig	Used For Wire Sizes	Color	W x Ht x Inside Ht	Inner Bag	Master Bag
35000	1	2 Nail 12/2 & 14/2 Romex & UF (1/2" wide)	White	.49 x .31 x .21	100	1000
35001	1	2 Nail 10/2 Romex & UF (3/4" wide)	White	.74 x .31 x .21	100	1000
35002	2	12/2 & 14/2 Romex & UF	White	.39 x .39 x .26	100	1000
35004	3	14/3 Romex	Gray	.31 x .51 x .32	100	1000
35006	3	10/3 & 12/3 Romex	Gray	.43 x .65 x .48	100	1000
35008	3	RG 59 Coax Cable, CAT 5 UTP 4 Pair	Gray	.24 x .35 x .26	100	1000
35040	3	RG 59 Coax Cable, CAT 5 UTP 4 Pair	White	.24 x .38 x .25	100	1000
35041	3	RG 59 Coax Cable, CAT 5 UTP 4 Pair	Black	.24 x .38 x .25	100	1000
35010	3	RG 6 Coax Cable	Gray	.28 x .43 x .30	100	1000
35042	3	RG 6 Coax Cable	White	.28 x .43 x .30	100	1000
35043	3	RG 6 Coax Cable	Black	.28 x .43 x .30	100	1000
35012	3	4 Conductor Telephone Wire	Gray	.14 x .23 x .15	100	1000
35044	3	4 Conductor Telephone Wire	White	.14 x .23 x .15	100	1000
35045	3	4 Conductor Telephone Wire	Black	.14 x .23 x .15	100	1000
35014	2	Small cords such as lamp, thermostat, speaker & phone	White	.24 x .25 x .15	100	1000

Plastic Stacking Staples



- ▶ Plastic insulated staples quickly and easily secure vertical stacks of non-metallic cable
- ▶ Electro-zinc plated nails provide strength and durability
- ▶ Smooth saddles prevent damage to insulation
- ▶ UV-protected Polyethylene saddle resists rot, rust and deterioration
- ▶ 1/2" wide, white color

Cat. No.	Cable Size	Inner Bag	Outer Bag
35016	(2) 14/2 & 12/2	50	500
35018	(3) 14/2 & 12/2	50	500
35020	(4) 14/2 & 12/2	50	500

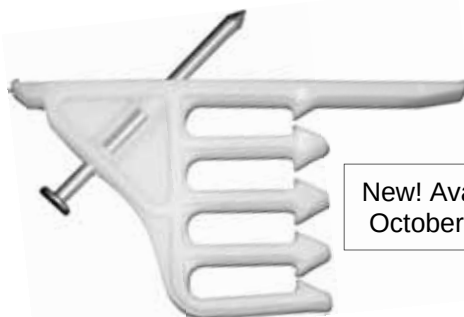
Plastic Service Entrance Cable Straps



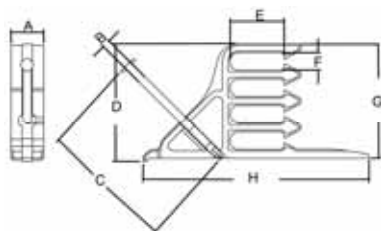
- ▶ Plastic insulated straps quickly and easily secure service entrance cable
- ▶ Electro-zinc plated nails provide strength and durability
- ▶ Stabilized against UV rays and extreme cold; withstand deterioration and breakage
- ▶ Smooth saddles prevent damage to insulation
- ▶ Polyethylene Material

Cat. No.	Cable Size	Inner Bag	Outer Bag
35022	#6 & #8 SEU	50	500
35024	#2 SEU	25	250
35026	4/0 SEU	25	250
35028	#6 SER & 1/2" EMT	50	500
35030	#2 SER & 3/4" EMT	25	250
35032	2/0 SER	25	250
35034	4/0 SER	25	250

Cable Stacker



New! Available
October 2014



- Accepts a wide range of NM cables
- Angled nail allows easy installation from any direction regardless of stud positioning and spacing
- Keeps a professional look in exposed areas
- Cables snap easily in between tines for a secure hold
- Makes cable identification simple
- Also used with CATV, Telephone, Instrumentation and Security Cables
- Material: Polypropylene

Dimensions = Inches

Cat. No.	Dimensions								Bag Qty	Case Qty
	A	B	C	D	E	F	G	H		
21757	.47	.11	1.93	1.72	.78	.26	1.67	3.26	25	1000

Nail Straps - Heavy Duty - Rigid IMC & EMT

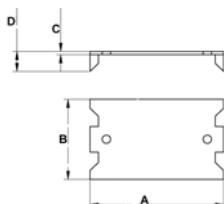


- Secures Rigid, IMC & EMT Conduits thru 1" Diameter
- Zinc Plated Stamped Steel
- Wood or Masonry Applications

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Inner Box	Outer Box
		A	B		
19482	1/2"	2.13	1.10	100	1000
19483	3/4"	2.13	1.20	100	1000
19484	1"	2.25	1.50	50	500

Nail Plates



- Used to protect internal wire runs from nail punctures
- Hammer On
- Zinc Plated Stamped Steel

Dimensions = Inches

Cat. No.	Trade Size	Dimensions				Inner Box	Outer Box
		A	B	C	D		
19542	1-1/2" x 2-1/2"	2.50	1.50	.06	.37	100	500



Strut & Spring Steel Fittings

- ▶ Strut Nuts, Post Bases O1
- ▶ Splice Plates, Washers O2
- ▶ Strut & Pipe Clamps O3-O5
- ▶ Beam Clamps O5-O7
- ▶ Specialty Conduit Hangers O8-O9
- ▶ Purlin Hangers O10
- ▶ Cable & Conduit Clips O11-O12
- ▶ Box & Fixture Supports O13-O16
- ▶ Bridle Rings & J Hooks O17

Channel Nut - No Spring



- ▶ For all channel sizes
- ▶ 17404 can not be used with 13/16" & 1" channel
- ▶ Zinc Electroplate Finish

Dimensions = Inches

Cat. No.	Thread	Thickness	Box Qty
17400	1/4"-20	.25"	100
17402	3/8"-16	.37"	100
17404	1/2"-13	.50"	100

Channel Nut - Short Spring



- ▶ For 13/16" & 1" channel
- ▶ Zinc Electroplate Finish

Dimensions = Inches

Cat. No.	Thread	Thickness	Box Qty
17412	1/4"-20	.25"	100
17420	3/8"-16	.37"	100

Channel Nut Regular Spring

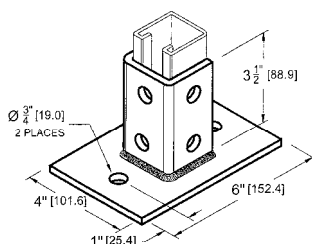


- ▶ For 1-3/8" & 1-5/8" channel
- ▶ Zinc Electroplate Finish

Dimensions = Inches

Cat. No.	Thread	Thickness	Box Qty
17430	1/4"-20	.25"	100
17438	3/8"-16	.37"	100
17442	1/2"-13	.50"	100

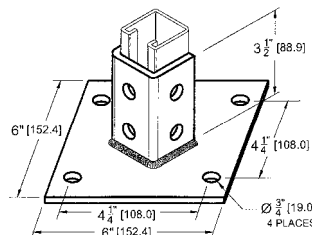
Post Base Single Channel 2 Hole Standard 3-1/2"



- ▶ Secures Strut Assembly to Floor or other Surface
- ▶ Galvanized Steel
- ▶ 2 Mounting Holes
- ▶ 4" X 6" Base

Cat. No.	Box Qty
17450	5

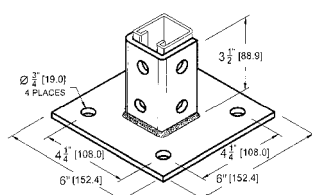
Post Base Single Channel 4 Hole Standard 3-1/2"



- ▶ Secures Strut Assembly to Floor or other Surface
- ▶ Galvanized Steel
- ▶ 4 Mounting Holes
- ▶ Corner Orientation
- ▶ 6" X 6" Base

Cat. No.	Box Qty
17452	5

Post Base Single Channel 4 Hole Square 3-1/2"



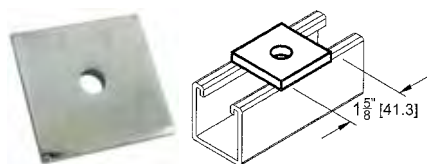
- ▶ Secures Strut Assembly to Floor or other Surface
- ▶ Galvanized Steel
- ▶ 4 Mounting Holes
- ▶ Side Orientation
- ▶ 6" X 6" Base

Cat. No.	Box Qty
17454	5

Steel has Zinc Electroplate Finish, 1-5/8" wide x 1/4" thick. Holes are 9/16" diameter, 13/16" center to edge on 1-7/16" centers



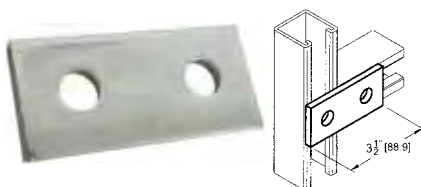
Square Washer



Dimensions = Inches

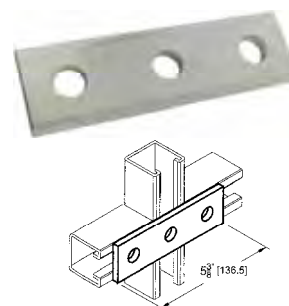
Cat. No.	Bolt Size	Hole Size	Box Qty
17612	1/4"	5/16"	100
17616	3/8"	7/16"	100
17618	1/2"	9/16"	100

2 Hole Splice Plate



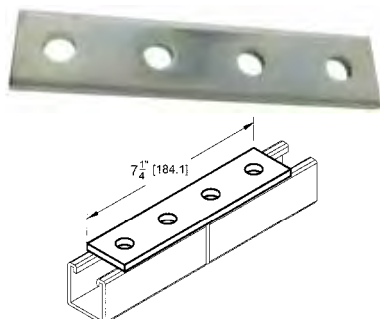
Cat. No.	Box Qty
17622	50

3 Hole Splice Plate



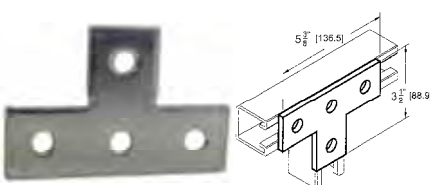
Cat. No.	Box Qty
17624	25

4 Hole Splice Plate



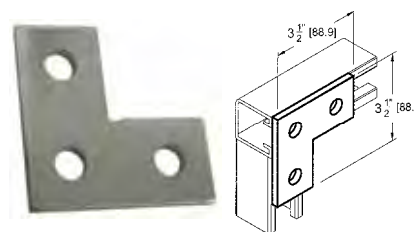
Cat. No.	Box Qty
17626	25

4 Hole Tee Plate



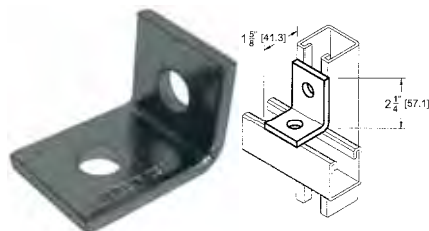
Cat. No.	Box Qty
17636	20

3 Hole Corner Plate



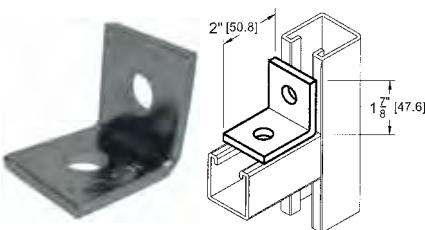
Cat. No.	Box Qty
17632	25

2 Hole Cross Corner Angle



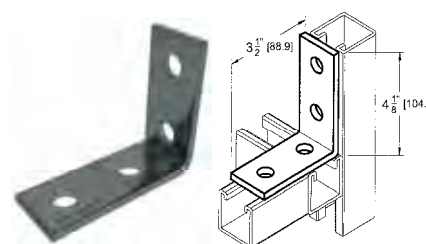
Cat. No.	Box Qty
17630	50

2 Hole Corner Angle



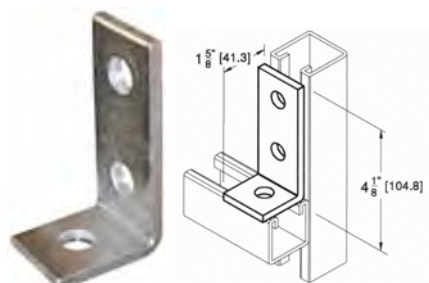
Cat. No.	Box Qty
17628	50

4 Hole 3 Way Corner Angle



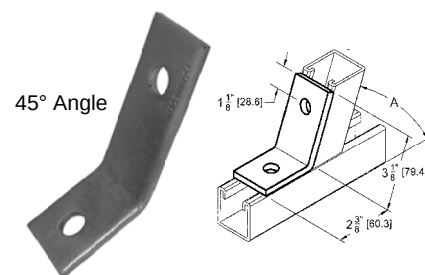
Cat. No.	Box Qty
17634	25

3 Hole Cross Corner Angle



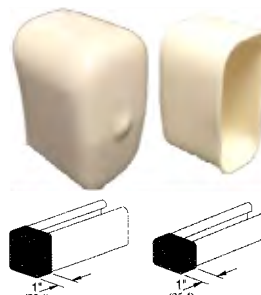
Cat. No.	Box Qty
17633	50

2 Hole Open Corner Angle



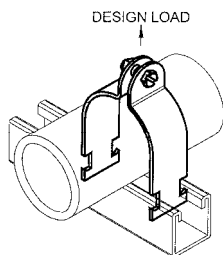
Cat. No.	Box Qty
17638	25

Plastic White End Caps



Cat. No.	Channel Used with	Box Qty
17682	13/16"	100
17684	1-5/8"	100

Rigid Strut Clamp



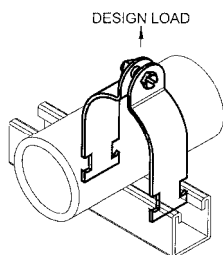
- Secures Rigid/IMC Conduit To Strut
- Zinc Electroplate Finish
- 2-1/2" through 8" Suitable for Rigid and EMT

Dimensions = Inches

Cat. No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty
17514	1/2"	0.840"	400	100
17515	3/4"	1.050"	600	100
17516	1"	1.315"	600	100
17517	1-1/4"	1.660"	600	50
17518	1-1/2"	1.900"	800	50
17519	2"	2.375"	800	50
17520*	2-1/2"	2.875"	800	50
17521*	3"	3.500"	800	25
17522*	3-1/2"	4.000"	1000	25
17523*	4"	4.500"	1000	25
17524*	5"	5.562"	1000	25
17525*	6"	6.625"	1000	25
17526*	8"	8.625"	1000	25

*Suitable for Rigid or EMT Conduit

Universal Strut Clamp

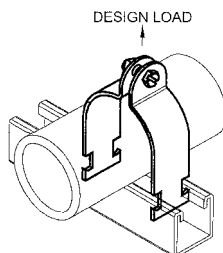


- Secures Rigid/IMC & EMT Conduit To Strut
- Zinc Electroplate Finish

Dimensions = Inches

Cat. No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty
17532	1/2"	0.773"	400	100
17533	3/4"	0.986"	600	100
17534	1"	1.239"	600	100
17535	1-1/4"	1.585"	600	50
17536	1-1/2"	1.820"	800	50
17537	2"	2.286"	800	50

EMT Strut Clamp

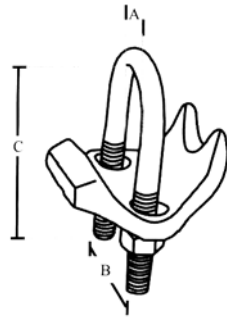


- Secures EMT Conduit To Strut
- Zinc Electroplate Finish

Dimensions = Inches

Cat. No.	Pipe Size (Inch)	O.D. (Inch)	Design Load (lbs)	Box Qty
17542	1/2"	0.706"	400	100
17543	3/4"	0.922"	400	100
17544	1"	1.163"	600	100
17545	1-1/4"	1.510"	600	50
17546	1-1/2"	1.740"	800	50
17547	2"	2.197"	800	50

Malleable Right Angle Pipe Clamp

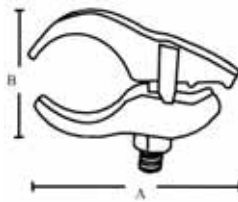


- ▶ Right Angle 90° Conduit Support Secures Rigid, IMC or EMT Perpendicular to Steel Beam, Strut Channel or Angle Supports
- ▶ Malleable Iron Cradle
- ▶ Steel Galvanized Bolt/Hex Nuts

Dimensions = Inches

Cat. No.	Trade Size	Dimensions			Outer Box
		A	B	C	
21850	3/8"	.820	1.00	1.12	50
21851	1/2"	1.00	1.25	2.50	50
21852	3/4"	1.125	1.125	2.81	50
21853	1"	1.375	1.375	3.06	50
21854	1-1/4"	1.75	1.75	3.19	50
21855	1-1/2"	2.00	2.375	3.50	50
21856	2"	2.50	2.50	4.50	50
21857	2-1/2"	3.00	3.00	4.875	25
21858	3"	3.625	3.875	5.375	25
21859	3-1/2"	4.06	4.56	5.88	25
21860	4"	4.69	5.06	6.69	25

Malleable Parallel Pipe Clamp

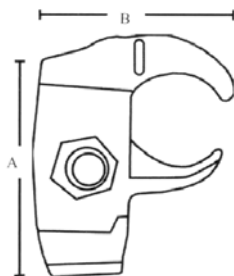


- ▶ Parallel Conduit Support Secures Rigid, IMC or EMT Parallel to Steel Beam, Strut Channel or Angle Supports
- ▶ Malleable Iron Cradle
- ▶ Steel Galvanized Bolt/Hex Nuts

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Outer Box
		A	B	
21861	1/2"	2.00	1.37	50
21862	3/4"	2.88	1.44	50
21863	1"	3.06	1.69	50
21864	1-1/4"	3.63	2.125	25
21865	1-1/2"	3.88	2.19	25
21866	2"	4.63	2.88	25
21867	2-1/2"	5.25	3.25	25
21868	3"	5.88	3.88	10
21869	3-1/2"	6.31	4.31	10
21870	4"	6.81	4.81	10

Malleable Edge Pipe Clamp

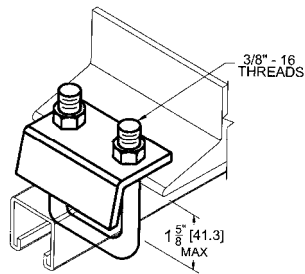


- ▶ Edge Conduit Clamp Secures Rigid, IMC or EMT Perpendicular to edge of Steel Beam, Strut Channel or Angle Supports
- ▶ Malleable Iron Cradle
- ▶ Steel Galvanized Bolt/Hex Nuts

Dimensions = Inches

Cat. No.	Trade Size	Dimensions		Outer Box
		A	B	
21871	1/2"	2.81	2.13	50
21872	3/4"	2.94	2.38	50
21873	1"	3.06	2.63	25
21874	1-1/4"	3.06	3.06	25
21875	1-1/2"	3.94	3.25	25
21876	2"	4.50	4.06	25
21877	2-1/2"	5.13	4.63	10
21878	3"	5.75	5.25	10

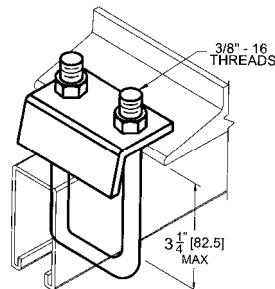
Strut to Beam Clamp with Square U-Bolt



- ▶ For 13/16" & 1-5/8" Channel
- ▶ Design load 1200lbs. when used in pairs
- ▶ Zinc Electroplate Finish

Cat. No.	Description	Box Qty
17462	Beam Clamp for 13/16" & 1-5/8" Channel	25

Strut to Beam Clamp with Square U-Bolt



- ▶ For 2-7/16" & 3-1/4" Channel
- ▶ Design load 1200lbs. when used in pairs
- ▶ Zinc Electroplate Finish

Cat. No.	Description	Box Qty
17464	Beam Clamp for 2-7/16" & 3-1/4" Channel	25

Strut Fitting Torque Values

The following are the torque values used for determining the load ratings of fittings when attached to channel framing as specified in the Metal Framing Manufacturers Association (MFMA) Standard #2

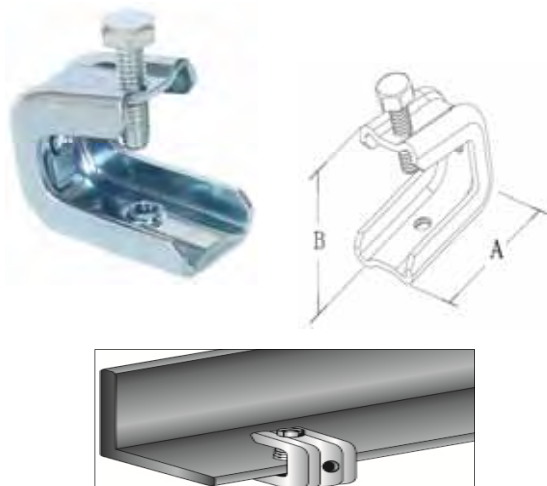
Thread Size	Torque		
	In. lb.	ft. lb.	Nm
1/4"	72	6	8.1
3/8"	228	19	25.8
1/2"	600	50	67.8

Beam Clamp Torque Values

For beam clamps or other applications the following torque values from Manufacturer's Standardization Society (MSS) SP-69 are recommended unless otherwise specified

Thread Size	Torque		
	In. lb.	ft. lb.	Nm
1/4"	40	3.3	4.5
3/8"	60	5.0	6.8
1/2"	125	10.4	14.1

Beam Clamps Universal



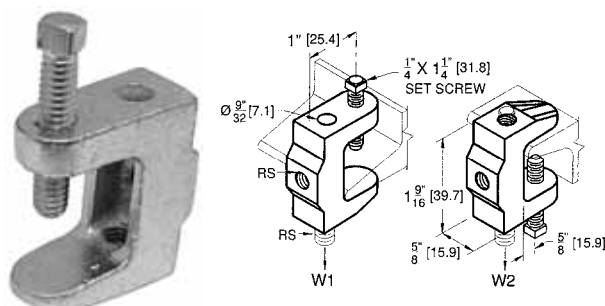
- ▶ Used with Conduit Hangers, Bridle Rings and Threaded Rod
- ▶ Tapped for Rods - bottom and back
- ▶ Case Hardened Steel Set Screw tapped at an angle locks on beam
- ▶ Zinc Plated Steel

Dimensions = Inches

Cat. No.	Fits Flange	Bottom & Back Threads	Static Load Limit Bottom Hole Only	Screw Dimensions	A	B	Inner Box	Master Box
17468	1/2	1/4-20	75 lbs	1/4-20 x 1"	1.69	1.66	25	250
18111*	1/2	10-24	75 lbs	1/4-20 x 1"	1.65	1.40	-	50
17469	3/4	3/8-16	200 lbs	5/16-18 x 1-3/8"	2.15	2.01	-	50

* not UL Listed

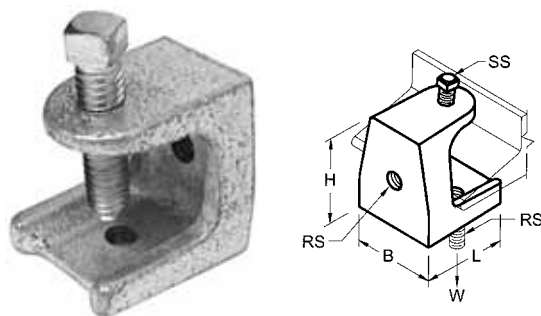
Malleable Iron Universal Beam Clamp



- ▶ Maximum Flange Thickness of 5/8"
- ▶ The threaded hole on the back side of the clamp is not load rated
- ▶ Zinc Electroplate Finish

Cat. No.	Rod Size (RS)	Max Load (W1)	Max Load (W2)	Box Qty
17486	1/4"-20	100 lbs.	250 lbs.	100

Malleable Iron Rod Support Beam Clamp

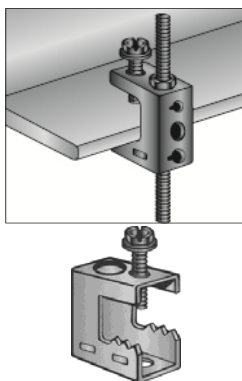


- ▶ Used with Conduit Hangers, Bridle Rings & Drop Rods. 1/4" to 1/2"
- ▶ Tapped for Rods - bottom and back on all sizes
- ▶ Malleable Iron - Zinc plated

Dimensions = Inches

Cat. No.	Jaw Opening	Rod Size (RS)	Set Screw Size	Max Load (W)	B	L	H	Box Qty
17472	3/4"	1/4"-20	5/16"-18	125 lbs.	1.18"	1.38"	1.38"	50
17474	7/8"	3/8"-16	1/2"-13	300 lbs.	2.00"	1.87"	1.75"	50
17476	1-1/8"	1/2"-13	1/2"-13	750 lbs.	2.50"	2.37"	2.14"	25

Beam Clamps



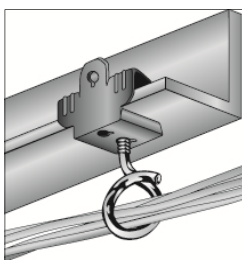
- ▶ Fast installation; fits beam flange up to 1/2"
- ▶ Used with 1/4" and 3/8" threaded rod, "S" hooks, conduit hangers, electrical box, & #10-24 or 1/4"-20 bridle rings
- ▶ Tapping 1/4"-20 bottom and back.
Also #10-24 tapping on back

Static Load Limit: 100 lbs

Dimensions = Inches

Cat. No.	Accommodates		Box Qty
	Flange	Drop Rod	
18016	Up to 1/2" Thick	1/4-3/8	100

Spring Steel Beam Clamps



- ▶ Can be used to suspend boxes, fixtures and bridle rings to beam flanges 1/8" to 3/4"
- ▶ Beam clamp with 1/4"-20 x 3/8" staked stud used to suspend box from bottom of beam.
- ▶ Bottom & Back Tapped 1/4-20

Static Load Limit: 75 lbs to 100 lbs

Front Thread 75 lbs

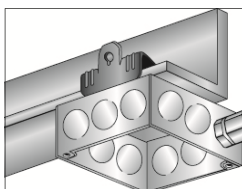
Rear Thread 100 lbs

(static load limits cannot be combined)

Dimensions = Inches

Cat. No.	Flange Thickness	Box Qty
18012	1/8-1/4	100
18014	5/16-1/2	100

Spring Steel Beam Clamps - 1/4-20 X 3/8" Stud



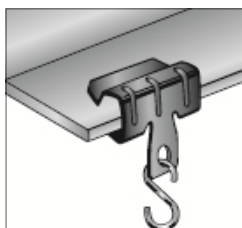
- ▶ Can be used to suspend boxes, fixtures and bridle rings to beam flanges 1/8" to 3/4"
- ▶ Beam clamp with 1/4"-20 x 3/8" staked stud used to suspend box from bottom of beam

Static Load Limit: 75 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Box Qty
18123	1/8-1/4	100
18124	5/16-1/2	100

Spring Steel Beam Clamps Universal



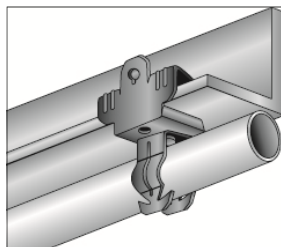
- ▶ Can be used on Bulb Tees & Beams
- ▶ Clearance for 1/4" Bolt in Tab

Static Load Limit: 200 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Box Qty
18018	1/8 to 1/4	100
18020	5/16 to 1/2	100
18152	9/16 to 3/4	100

Flange Mount Conduit Assembly - Bottom Mount



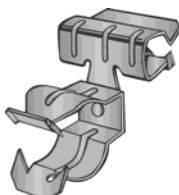
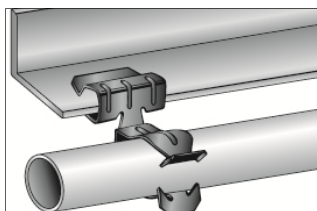
- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only

Static Load Limit: 25 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Fits EMT	Fits Rigid/IMC	Box Qty
18190	1/8 to 1/4	1/2	-	100
18191	1/8 to 1/4	3/4	1/2	100
18192	1/8 to 1/4	1	3/4	100

Flange Mount Conduit Assembly - Side Mount



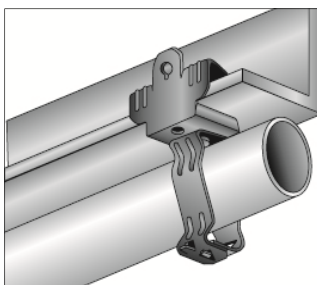
- Suspends conduit from side of beam
- Will pivot 360 degrees
- Installs with hammer only

Static Load Limit: 15 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Fits EMT	Fits Rigid/IMC	Box Qty
18221	1/8 to 1/4	1/2	-	100
18222	1/8 to 1/4	3/4	1/2	100
18223	1/8 to 1/4	1	3/4	100

Flange Mount Conduit Assembly - Bottom Mount - Posi-Lock



- Suspends conduit from bottom of beam
- Will pivot 360 degrees
- Installs with hammer only

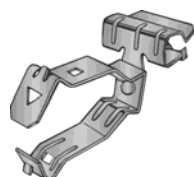
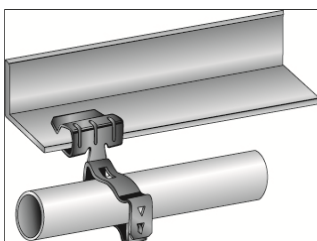


Static Load Limit: 75 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Fits Conduit	Box Qty
18200	1/8 to 1/4	3/8	100
18050	1/8 to 1/4	1/2 & 3/4	100
18202	1/8 to 1/4	1	100
18210	5/16 to 1/2	3/8	100
18211	5/16 to 1/2	1/2 & 3/4	100
18212	5/16 to 1/2	1	100

Flange Mount Conduit Assembly - Side Mount - Posi-Lock



- Suspends conduit from side of beam
- Will pivot 360 degrees
- Installs with hammer only

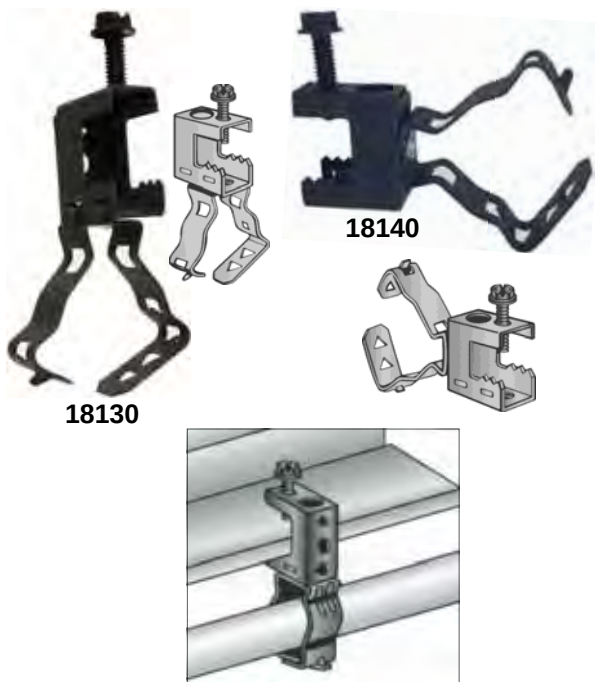


Static Load Limit: 25 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Fits Conduit	Box Qty
18230	1/8 to 1/4	3/8	100
18231	1/8 to 1/4	1/2 & 3/4	100
18232	1/8 to 1/4	1	100
18240	5/16 to 1/2	1/2 & 3/4	100
18241	5/16 to 1/2	1	100

Beam Clamp to Conduit Hanger Assembly



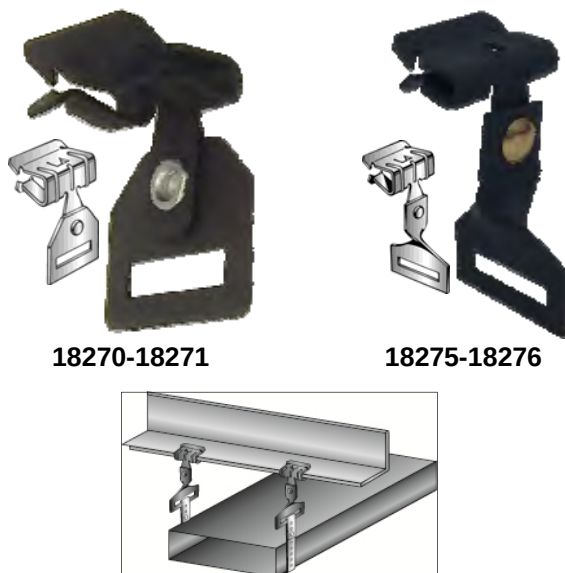
- ▶ Spring Steel Beam Clamp with Pre-Installed Conduit Hanger
- ▶ Positive Locking Conduit Hanger

**Static Load limit: 100 lbs Vertical
25 lbs Horizontal**

Dimensions = Inches

Cat. No.	Orientation	Fits Conduit	Box Qty
18130	Bottom Mount	1/2 & 3/4	100
18140	Side Mount	1/2 & 3/4	100

Flange Mount Strap Hangers



- ▶ Suspends Strapping Thru 1" Width
- ▶ Fits Beam Flanges from 1/8" to 3/4"
- ▶ Parallel & Right Angle Configurations
- ▶ Installs with hammer only

Static Load limit: 200 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	Type	Box Qty
18270	1/8 to 1/4	Right Angle	100
18271	5/16 to 1/2	Right Angle	100
18275	1/8 to 1/4	Parallel	100
18276	5/16 to 1/2	Parallel	100

Threaded Rod to Beam Assembly



- ▶ Suspends 1/4" and 3/8" threaded rod from overhead mountings
- ▶ Fits 1/8" Thru 1/2" Thick Flanges

Static Load limit: 200 lbs

Dimensions = Inches

Cat. No.	Flange Thickness	For Use With	Box Qty
18250	1/8 to 1/4	1/4" Threaded Rod	100
18251	5/16 to 1/2	1/4" Threaded Rod	100
18255	1/8 to 1/4	3/8" Threaded Rod	100
18256	5/16 to 1/2	3/8" Threaded Rod	100

Z Purlin Hangers



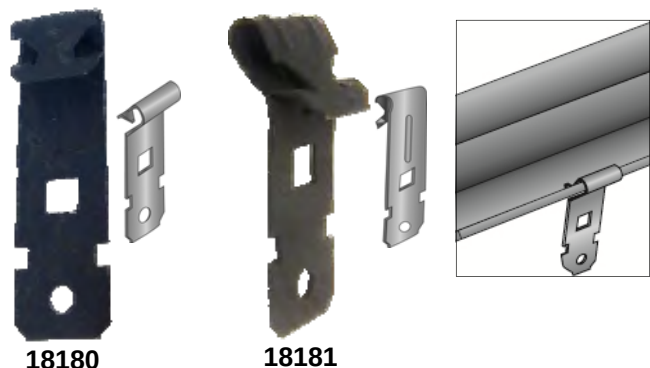
- Can be used to suspend fixtures etc.
- No Power Tools required
- Compensated for Angle of Purlin

Static Load Limit: 100 lbs

Dimensions = Inches

Cat. No.	Description	Box Qty
18155	1/4" Bottom Hole	100
18156	1/4" Hole for Wire, S-hooks, Perforated Strap and Jack Chain	100

Z Purlin Flange Hangers



- Fits 1/16" to 1/4" thick Z Purlin or vertical flanges
- Clearance for 1/4" bolt
- Accommodates tooling for floor installations
- Can be used with S-hooks, perforated strap & wire

Static Load Limit:

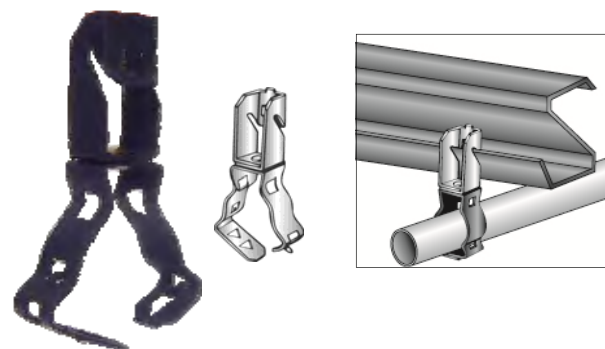
18180 - 100lbs

18181 - 160lbs

Dimensions = Inches

Cat. No.	Flange Thickness	For use with	Box Qty
18180	1/16" to 1/4"	For use with Angled Z Purlin	100
18181	1/16" to 1/4"	Vertical Flange	100

Z Purlin Conduit Hanger Assembly



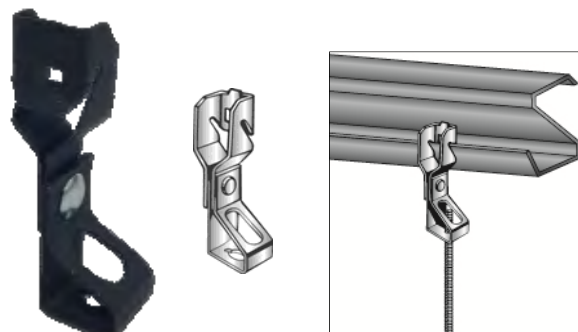
- Installed without power tools
- Compensates for angle of purlin

Static Load Limit: 100 lbs

Dimensions = Inches

Cat. No.	Description	Box Qty
18171	3/8" to 1/2" Conduit to Z Purlin	100
18172	1" Conduit to Z Purlin	100

Z Purlin Rod Hanger Assembly



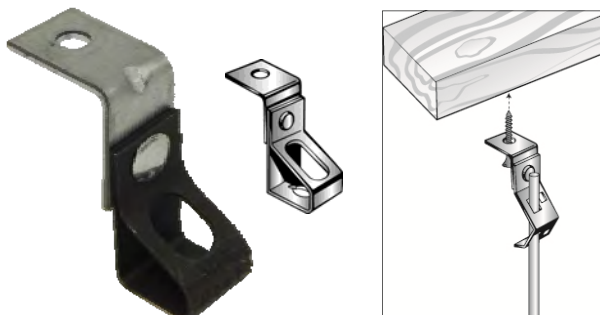
- Installed without power tools
- Compensates for angle of purlin

Static Load Limit: 100 lbs

Dimensions = Inches

Cat. No.	For Use With	Box Qty
18160	1/4" Threaded Rod	100
18161	3/8" Threaded Rod	100

Angle Bracket Rod/Wire Hangers

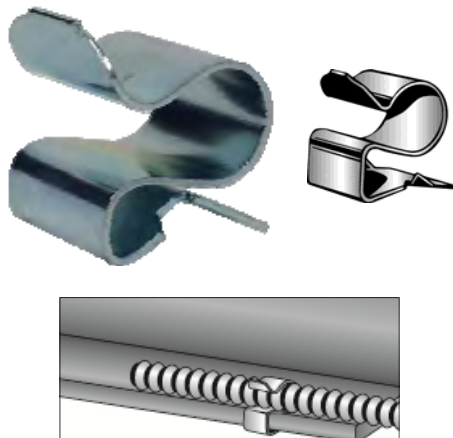


- ▶ Suspends #8 wire 1/4" and 3/8" threaded rod from overhead mountings with a clearance hole for 1/4" bolt
- ▶ Hangers made from high-carbon steel, zinc phosphate & oil finish. Angle bracket made from pre-galvanized steel

Static Load Limit: 160 lbs

Cat. No.	For Use With	Box Qty
18260	1/4" Threaded Rod with Thread Impression	100
18261	3/8" Threaded Rod Thread Impression	100

Flexible Conduit/Cable Clips

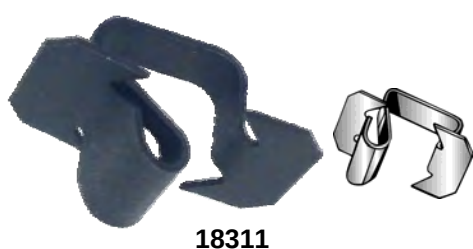


- ▶ Supports flexible conduit and all types of cable from flanges
- ▶ Made from high-carbon steel zinc plated

Dimensions = Inches

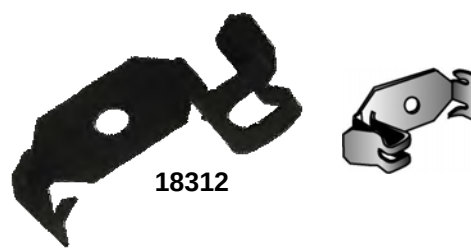
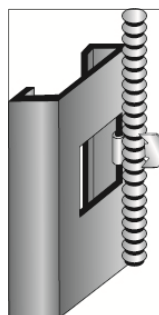
Cat. No.	AC/MC Cable O.D.	Flange Size	Box Qty
18291	.312 -.375	1/16"-3/16"	100
18292	.375 -.437	1/16"-3/16"	100
18293	.468 -.562	1/16"-3/16"	100
18294	.562 -.718	1/16"-3/16"	100
18301	.562 -.718	3/16"-9/32"	100

Flexible Conduit/Cable Fasteners



18311

- ▶ Push Clip attaches BX, MC, or AC cable to open end of metal studs



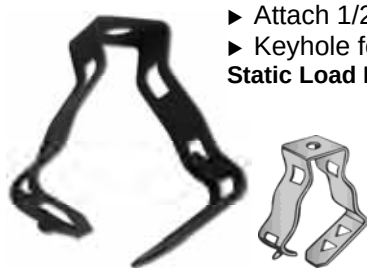
18312

- ▶ Secures MC or BX to most metal studs
- ▶ Installed using a hammer only to 2" side of Stud

Cat. No.	Description	Box Qty
18311	MC, AC or BX to Metal Stud	100

Cat. No.	Description	Box Qty
18312	MC or BX (12-2 thru 10-3) to Metal Studs	100

Spring Steel Conduit Clip

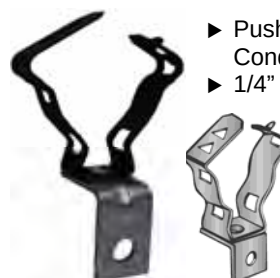


- ▶ Attach 1/2" or 3/4" Conduits
 - ▶ Keyhole for Screw
- Static Load Limit: Vertical: 100lbs
Horizontal: 25lbs**



Cat. No.	Fits Conduit	Box Qty
18024	1/2", 3/4"	100

Conduit/Cable Support

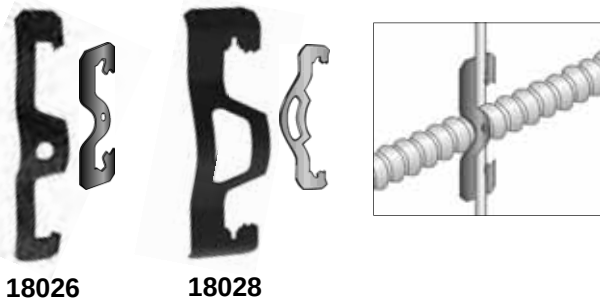


- ▶ Push Clip attaches 1/2" or 3/4" Conduit to metal studs
- ▶ 1/4" Bracket Mounting Hole



Cat. No.	Fits Conduit	Box Qty
18340	1/2", 3/4"	100

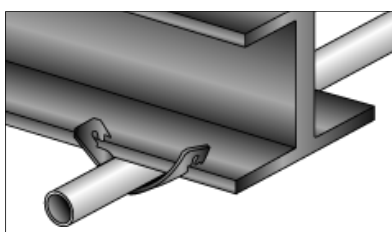
Spring Steel Cable Clips



- ▶ Cable Clip for MC, AC, or BX
- ▶ Supports cable from #12 to #8 wire in horizontal or vertical position
- ▶ OD's from .433 to .535
- ▶ NOTE: These products are designed for positioning only
- ▶ No load rating
- ▶ 18028 cULus Listed
- ▶ 18026 is not cULus Listed

Cable Size	Cat No. for #12 Wire	Cat No. for #10 Wire	Cat No. for #8 & #9 Wire	Box Qty
14-2 Cable	18026	18026	18026	100
14-3 Cable	18026	18026	18026	100
12-2 Cable	18026	18026	18026	100
12-3 Cable	18026	18028	18028	100

Spring Steel Fast Support Conduit Clips



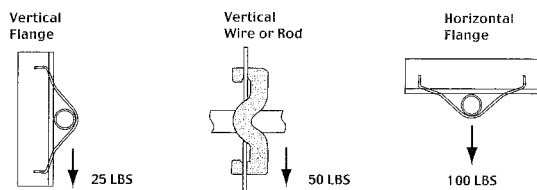
- ▶ Supports conduit & all types of cable from rods or flanges
- ▶ #12 To #8 Wire
- ▶ #16 to 1/4" Rod
- ▶ 1/8" To 3/8" Flange
- ▶ 18324 & 18325 not UL Listed

Conduit Size	Cat No. for #10 & #12 Wire	Cat No. for #8 & #9 Wire	3/16" to 1/4" Rod	Box Qty
1/2" EMT	18028	18028	18028	100
1/2" RIGID	18028	18030	18030	100
3/4" EMT	18030	18030	18030	100
3/4" RIGID	18030	18030	18324	100
1" EMT	-	18324	18324	100
1-1/4" EMT	-	18325	18325	100

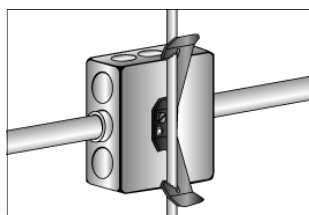
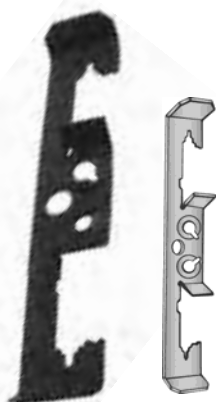
Conduit Size	Cat No. for 1/8"-1/4" Flange	Cat No. for 3/16"-3/8" Flange	Cat No. for 5/16"-3/8" Flange	Box Qty
1/2" EMT	18028	18030	18030	100
1/2" RIGID	18030	18030	18324	100
3/4" EMT	18030	18324	18324	100
3/4" RIGID	18324	18325	18325	100
1" EMT	18324	18325*	18325*	100
1" RIGID	18325*	18325*	18325*	100
1-1/4" EMT	18325	-	-	100

*For horizontal applications only.

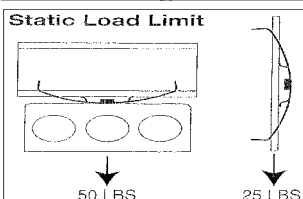
Static Load Limit



Spring Steel Multi-Function Clip



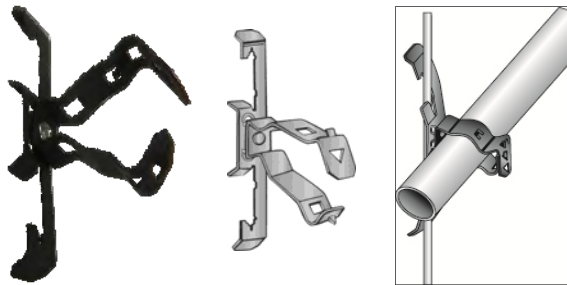
Static Load Limit



- ▶ Attaches conduit or boxes to flanges, wire or rod
- ▶ Fits 1/8" to 3/8" flanges
- ▶ Attaches to #12 wire through 3/8" rod
- ▶ Attaches #10-24 or 1/4"-20 Threaded Bridle Rings (positioning only)

Cat No.	Description	Box Qty
18048	Clip Attaches Conduit to Flanges, Wire or Rod	100

Multi-Function Clip Assembly



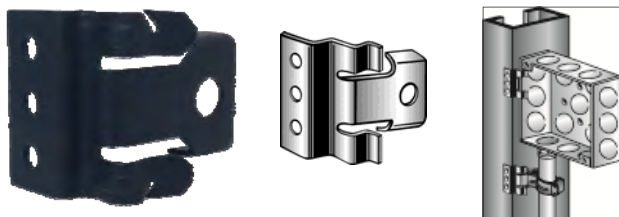
- ▶ Attaches conduit or boxes to flanges, wire or rod
- ▶ Secures 1/2" & 3/4" Conduits

Static Load Limit: **Vertical - 50 lbs**
 Horizontal - 20 lbs

Dimensions = Inches

Cat No.	Fits Conduit	Box Qty
18335	1/2" & 3/4"	100

Box to Stud Fastener

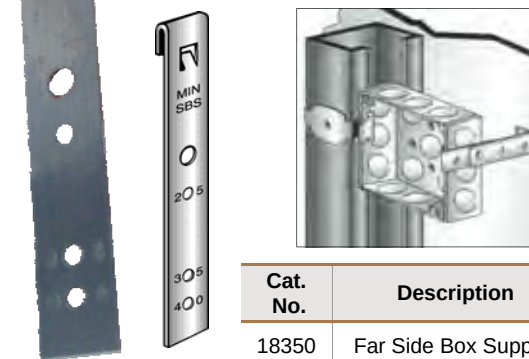


- ▶ Screw attached support for box and conduit
- ▶ For use with either metal or wood studs
- ▶ Electrical box support clip secured with Self tapping screws for wood or metal studs

Cat. No.	Description	Box Qty
18345	Box to Stud Fastener	100

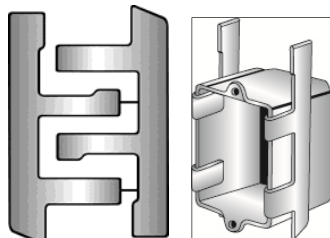
Far Side Box Support

- ▶ Clips on electrical boxes for additional support
- ▶ 2-1/2" thru 4" Standoff
- ▶ Sized by Bending at Pre-marked Lines



Cat. No.	Description	Box Qty
18350	Far Side Box Support	100

Screwless Box Support



- ▶ Made from pre-galvanized steel
- ▶ Secures electrical box to finished drywall
- ▶ No stud necessary
- ▶ Fits 1/4"-20 Bolt

Cat. No.	Description	Box Qty
18375	Box Support	100

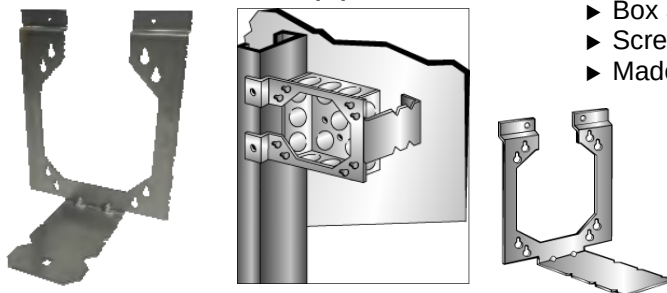
Low Voltage Mounting Bracket



- ▶ Provides base for securing communications plates without use of electrical box
- ▶ Mounts standard plate
- ▶ Hardware included

Cat. No.	Description	Box Qty
18376	Low Voltage Mounting Bracket	100

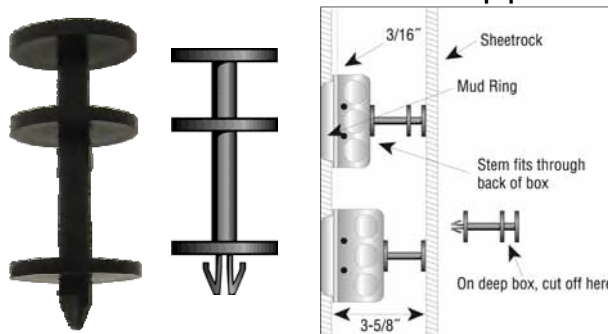
Box Stabilizer Support



- ▶ Box Support for 2-1/2", 3-1/2" & 4" wood or metal studs
- ▶ Screw attached support for electrical boxes
- ▶ Made from pre-galvanized steel

Cat. No.	Stud Size	Box Qty
18370	2-1/2", 3-1/2"	100
18052	2-1/2", 3-1/2", 4"	100

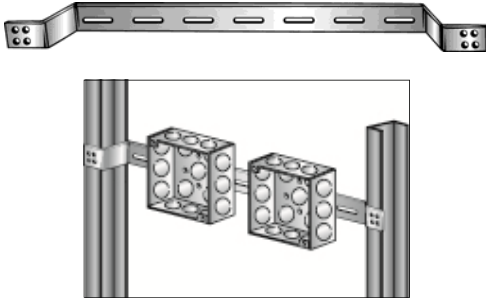
Plastic Far Side Box Support



- ▶ No tools required
- ▶ Mounts quickly in the back of the box
- ▶ Designed for 3-5/8" steel studs
- ▶ May be used on standard 1-1/2" or 2-1/8" deep boxes

Cat. No.	Description	Box Qty
18378	Plastic Far Side Box Support	100

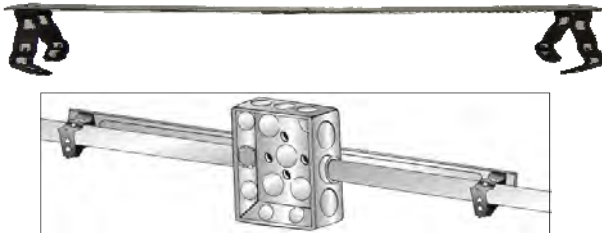
Box Mounting Brackets



- ▶ Supports electrical boxes located between studs on 16" or 24" centers
- ▶ Boxes attach using self-tapping screws
- ▶ Made from pre-galvanized steel

Cat. No.	Description	Box Qty
18355	1-1/2" Box to Studs on 16" Centers	50
18356	2-1/8" Box to Studs on 16" Centers	50
18357	1-1/2" Box to Studs on 24" Centers	50
18358	2-1/8" Box to Studs on 24" Centers	50

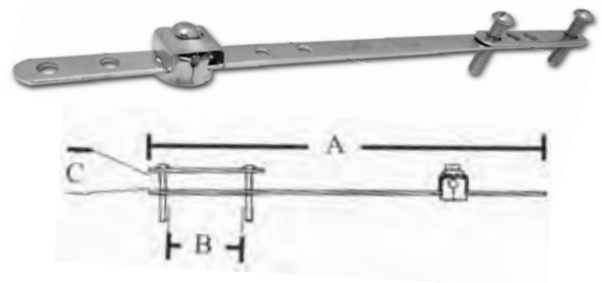
Conduit/Box to Stud Fastener



- ▶ Secures conduit and electrical boxes to most structures
- ▶ Provides conduit support on both sides of electrical box
- ▶ Hole for screw or threaded rod mount with 1/4"-20 x 5/8" stud
- ▶ Made from pre-galvanized steel
- ▶ Spring steel fasteners riveted to bar
- ▶ Secures 1/2" & 3/4" Conduit

Cat. No.	Description	Box Qty
18360	Mount 4" Square Box with 1/2" or 3/4" Conduit	25

Ceiling Box Bar Support

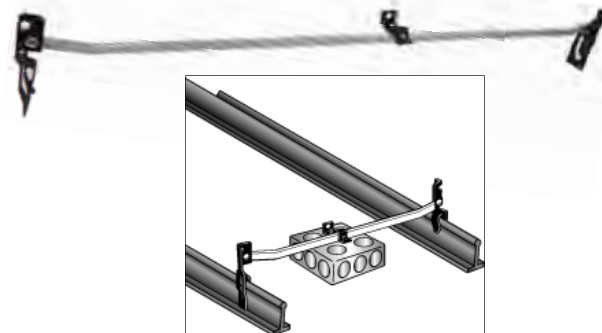


- ▶ Used where boxes need to be supported between structural members
- ▶ Adjustable Ceiling Box/Fixture Support

Dimensions = Inches

Cat. No.	Dimensions			Box Qty
	A	B	C	
19000	10.65	2.17	1.22	50

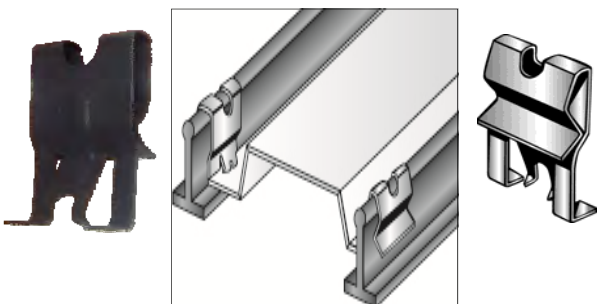
Box To T-Bar Fastener



- ▶ Snap-on 24" span box hanger with dual height adjustment allows flush or 3/4" offset mount
- ▶ 1 BBC mounting clip with screw included
- ▶ Pre-galvanized steel with spring steel hardware included

Cat. No.	Description	Box Qty
18054	24" Span Box to T-Bar Fastener	100

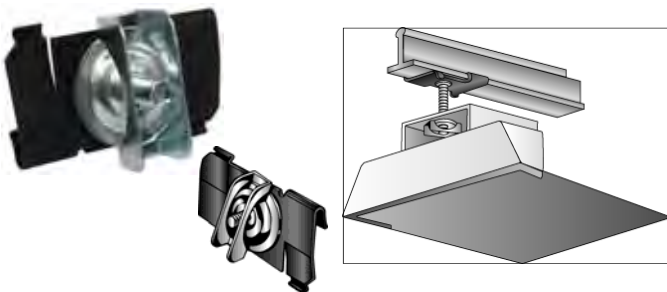
Lighting Troffer Fastener



- ▶ Clip-On positive support for troffers and lay-in fixtures
- ▶ Complies with 2011 NEC 410.36 (B) means of support
- ▶ Fits around rectangular head T-bars

Cat. No.	Description	Box Qty
18280	T-Bar Clip for Troffers	100

Spring Steel Twist On T-Bar Hanger

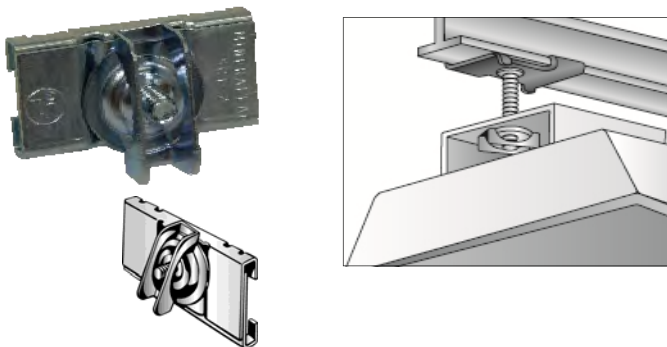


- ▶ Supports electrical fixtures to T-Bar 15/16" wide
- ▶ Assembled with 1" OD wing nut washer
- ▶ 1/4"-20 stud 5/8" long with wing nut washer

Dimensions = Inches

Cat. No.	Stud Size	T-Bar	Box Qty
18022	1/4-20 x 5/8"	15/16"	100

T-Bar Hanger Two Piece

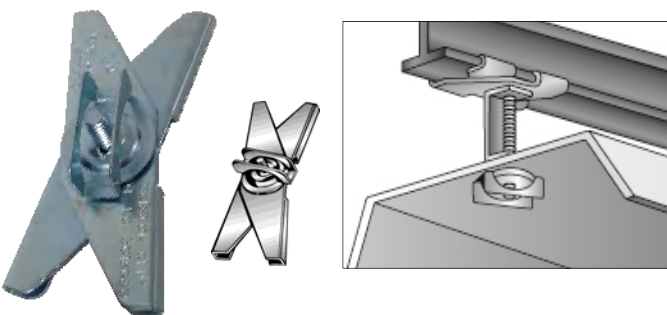


- ▶ Mounts fixtures or boxes to 1" T-bar
- ▶ Static Load Limit of 75 lbs
- ▶ Stud is flat head, square shoulder carriage bolt which will not turn when positioned in slot
- ▶ Assembled with 1" OD wing nut washer

Dimensions = Inches

Cat. No.	Stud Size	T-Bar	Box Qty
18386	1/4-20 x 5/8"	1"	100

T-Bar Scissor Clips

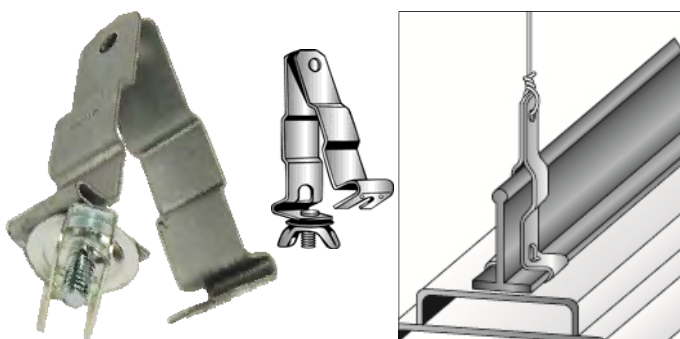


- ▶ Two-piece zinc plated clip used for mounting fixtures or boxes to 1" bar
- ▶ Static Load Limit of 100 lbs
- ▶ Includes wing nut washer

Dimensions = Inches

Cat. No.	Stud Size	T-Bar	Box Qty
18387	5/8"	1"	50
18388	2"	1"	50

T-Bar Drop Wire Clip

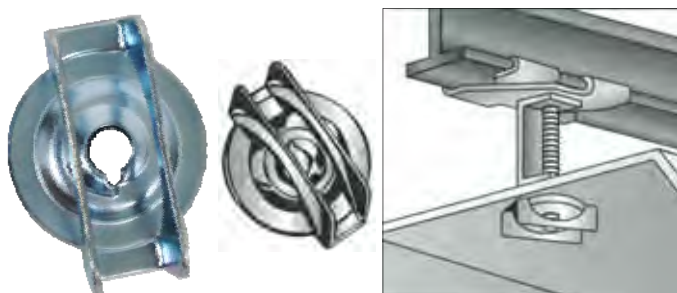


- ▶ Pre-galvanized clips support fixtures transmitting the weight of fixture directly to the building structure
- ▶ Adds rigidity and support for truer alignment of the T-Grid & relieves the T-Grid from load stress
- ▶ Made from one-piece construction to accommodate various styles of T-Grid
- ▶ Includes wing nut washer

Dimensions = Inches

Cat. No.	Stud Size	T-Bar	Box Qty
18385	5/8"	1"	50

Wing Nut Washer

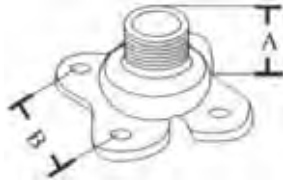


- ▶ Made from zinc plated steel
- ▶ Fits 1/4"-20 Bolt

Dimensions = Inches

Cat. No.	Description	Box Qty
18389	Wing Nut Washer for 1/4"-20 Bolt	100

Malleable Crows Foot Fixture Hanger

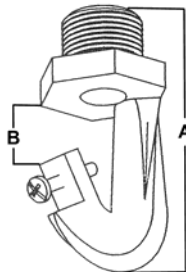


- ▶ Crows Foot Fixture Hanger
- ▶ Malleable Iron

Dimensions = Inches

Cat. No.	Thread Size	Dimensions		Inner Box	Outer Box
		A	B		
18096	1/4"-20	1.00	1.10	25	250

Fixture Hook

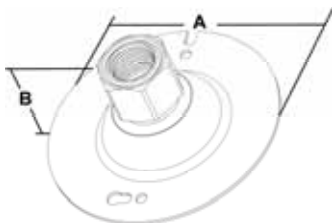


- ▶ High bay fixture hooks are used to hang light fixtures from multiple structural members
- 1/2" Long
- ▶ Preinstalled set screw helps prevent vibratory loosening in high-abuse areas
- ▶ 3/4" NPT Threads
- ▶ Malleable Iron

Dimensions = Inches

Cat. No.	Dimensions		Box Qty
	A	B	
18092	3.40	.95	50

Swivel Pendant - Malleable Round Fixture Hanger

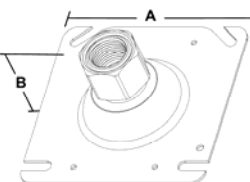


- ▶ Swivel pendant mount allows high bays and other hanging fixtures to be mounted on a sloped ceiling
- ▶ Pivot ball that allows the installed fixture and pipe stem to swing 20 degrees from vertical when subjected to occasional bumps or vibration
- ▶ Fits 3/4" conduit
- ▶ Includes reducer bushing to 1/2" with set screw
- ▶ Fits standard 4" Octagon electrical boxes

Dimensions = Inches

Cat. No.	Dimensions		Box Qty
	A	B	
18094	4.21	2.02	25

Malleable Square Fixture Hanger

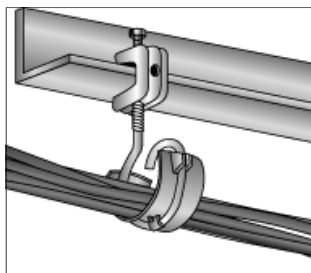


- ▶ Used to support light fixtures, security cameras, exit signs, and a variety of electrical and electronic devices installed in industrial settings
- ▶ Pivot ball that allows the installed fixture and pipe stem to swing 20 degrees from vertical when subjected to occasional bumps or vibration
- ▶ Fits 3/4" conduit
- ▶ Includes reducer bushing to 1/2" with set screw
- ▶ Fits standard 4" Square electrical boxes

Dimensions = Inches

Cat. No.	Dimensions		Box Qty
	A	B	
18093	4.21	2.02	25

Bridle Rings



- ▶ Cost effective alternative to expensive cable tray
- ▶ Wide surface saddle provides support without stress for Category 5, fiber-optic, and other sensitive voice/datacomm cables
- ▶ 1/4-20 Mechanical Thread

Dimensions = Inches

Cat. No.	Description	Box Qty
18430	1-1/2" Bridle Ring with Saddle	50
18058	2" Bridle Ring w/Saddle	50
18060	4" Bridle Ring w/Saddle	50

Bridle Rings



Fig 1



Fig 2

- ▶ Commonly used with Beam Clamps
- ▶ Supports communications cable & other low voltage uses
- ▶ 1/4-20 Thread
- ▶ Zinc plated steel

Dimensions = Inches

Cat. No.	Fig	Ring Size	Thread	Box Qty
18420	1	1" Diameter	10-24	100
18421	1	1 1/2" Diameter	1/4-20	100
18422	1	2" Diameter	1/4-20	100

- ▶ Commonly used with Wood Beams
- ▶ Supports communications cable and other low voltage
- ▶ Zinc plated steel

Dimensions = Inches

Cat. No.	Fig	Ring Size	Thread	Box Qty
18425	2	1" Diameter	3/16	100
18426	2	1 1/2" Diameter	1/4	100
18427	2	2" Diameter	1/4	100

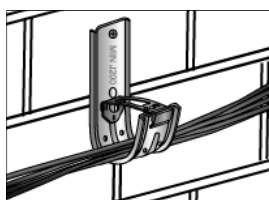
J Hooks - 2"



Fig 1



Fig 2



- ▶ 2" J Hooks for DataComm Applications
- ▶ Cost effective alternative to expensive cable tray
- ▶ Wide base provides support without stress for Cat5, fiber-optic, other sensitive voice/datacomm cables and inner-duct
- ▶ Continuous wide-base radius supports natural curve of cable, eliminating kinks & bending
- ▶ Cable wire retainer is supplied with every part
- ▶ Unique design eliminates the need for attachment plate when stacking
- ▶ Can be attached to a wide variety of structures using beam clamps, clips and many other components

Cat. No.	Fig	Description	Box Qty
18056	1	Screw Mount	50
18405	2	Clips On #12 Wire Thru 3/8" Rod and 1/8" to 3/8" Flange	25



Fasteners

- ▶ Anchors P1
- ▶ Drywall Screws P1
- ▶ Nuts & Washers P2
- ▶ Bolts & Screws P3-P4
- ▶ Powder Actuated Fasteners & Loads P5

Anchor Kits



- ▶ Anchor Kits Include 100 Screws, 100 Anchors, 1 Drill Bit and a 2-Compartment High Impact Reusable Plastic Box with Hanger



YELLOW SUPER ANCHOR
Larger & Better Holding than Conical Anchor



DRILL BIT



PAN HEAD/COMBO SCREW



HEX HEAD/COMBO SCREW

Cat. No.	Screw Size	Screw Type	Anchor	Kits Per Case
31020	10 X 1	Pan Head, Combo Slotted/Phillips	Super Yellow	48
31024	10 X 1	Hex Head, Combo Slotted	Super Yellow	48
31030	10 X 1-1/4	Pan Head, Combo Slotted/Phillips	Super Yellow	48
31034	10 X 1-1/4	Hex Head, Combo Slotted	Super Yellow	48

Plastic Anchors



Cat. No.	Size	Box Qty
30700	#10 Super Yellow	100
30702	#8 Conical	100
30704	#10 Conical	100

Self Drilling Anchors



- ▶ Great for 3/8", 1/2" & 5/8" Drywall
- ▶ Combo Drive #6-8 Phillips & #3 Square Drive
- ▶ Replaces Molly & Toggle systems

Cat. No.	Type	Box Qty
30706	Nylon	100
30708	Zinc	100

Drywall Screws



- ▶ Bugle Head Phillips
- ▶ Black Phosphated
- ▶ Fine Thread

Cat. No.	Size	Box Qty
30502	6 X 1"	100
30504	6 X 1-1/4"	100
30506	6 X 1-5/8"	100
30508	6 X 2"	100
30510	6 X 2-1/4"	100
30511	8 X 2-1/2"	100
30513	8 X 3"	100
30536	8 X 4"	100

BULK PACK

30518	6 X 2"	500
30532	8 X 2-1/2"	300
30534	8 X 3"	200

Hex Nuts



► Zinc Plated

Cat. No.	Size	Box Qty
30612	6-32	100
30614	8-32	100
30616	10-24	100
30617	1/4-20	100
30618	5/16-18	100
30619	3/8-16	100
30620	1/2-13	100

Flanged Hex Nut - Captive Washer



► Zinc Plated

Cat. No.	Size	Box Qty
30670	1/4-20	100
30672	3/8-16	100

Flat Washers



► Zinc Plated

Cat. No.	Size	Box Qty
30622	#6	100
30624	#8	100
30625	#10	100
30626	1/4"	100
30628	3/8"	100
30629	1/2"	50

Fender Washers



► Zinc Plated

Cat. No.	Size	Box Qty
30632	1/4 X 1"	100
30634	1/4 X 1-1/4"	100
30638	1/4 X 1-1/2"	100
30644	3/8 X 1-1/4"	100
30646	3/8 X 1-1/2"	100

Lock Washers



► Zinc Plated

Cat. No.	Size	Box Qty
30656	1/4 "	100
30658	5/16"	100
30660	3/8"	100

Belleville Washers



► Conical Pressure Feature
► Zinc Plated

Cat. No.	Size	Box Qty
30674	3/8"	100
30676	1/2"	100

Hex Bolts



- ▶ Hex Bolts
- ▶ Grade 2
- ▶ Low Carbon
- ▶ Zinc Plated

Cat. No.	Size	Box Qty
30962	1/4-20 X 1/2"	100
30963	1/4-20 X 3/4"	100
30964	1/4-20 X 1"	100
30965	1/4-20 X 1-1/4"	100
30967	1/4-20 X 2"	100
30980	3/8-16 X 1"	100
30981	3/8-16 X 1-1/4"	100
30982	3/8-16 X 1-1/2"	100
30983	3/8-16 X 2"	100
30993	1/2-13 X 2"	100
30995	1/2-13 X 2-1/2"	100
30996	1/2-13 X 3"	100

Lag Screws



- ▶ Hex Head
- ▶ Zinc Plated

Cat. No.	Size	Box Qty
30922	1/4 X 1-1/2"	100
30924	1/4 X 2"	100
30928	1/4 X 3"	100
30934	5/16 X 2"	100
30948	3/8 X 2"	100
30952	3/8 X 3"	50

Self Drilling Screws - Hex Washer Head



- ▶ Hex Washer Head
- ▶ Zinc Plated

Cat. No.	Size	Head Size	Box Qty
30112	6-20 X 1/2"	1/4"	100
30122	8-18 X 1/2"	1/4"	100
30124	8-18 X 3/4"	1/4"	100
30126	8-18 X 1"	1/4"	100
30128	8-18 X 1-1/4"	1/4"	100
30130	8-18 X 1-1/2"	1/4"	100
30144	10-16 X 1"	5/16"	100
30146	10-16 X 1-1/4"	5/16"	100
30148	10-16 X 1-1/2"	5/16"	100

Sheet Metal Screws - Hex/Slot Washer Head



- ▶ Hex/Slot Washer Head
- ▶ Zinc Plated

Cat. No.	Size	Head Size	Box Qty
30212	6 X 1/2"	1/4"	100
30222	8 X 1/2"	1/4"	100
30224	8 X 3/4"	1/4"	100
30226	8 X 1"	1/4"	100
30228	8 X 1-1/4"	1/4"	100
30230	8 X 1-1/2"	1/4"	100
30232	8 X 2"	1/4"	100
30242	10 X 3/4"	5/16"	100
30244	10 X 1"	5/16"	100
30246	10 X 1-1/4"	5/16"	100
30248	10 X 1-1/2"	5/16"	100
30250	10 X 2"	5/16"	100

Sheet Metal Screws - Combo Head



- ▶ Pan Head
- ▶ Phillips/Slot
- ▶ Zinc Plated

Cat. No.	Size	Box Qty
30012	6 X 1/2"	100
30022	8 X 1/2"	100
30024	8 X 3/4"	100
30026	8 X 1"	100
30028	8 X 1-1/4"	100
30030	8 X 1-1/2"	100
30032	8 X 2"	100
30042	10 X 3/4"	100
30044	10 X 1"	100
30046	10 X 1-1/4"	100
30048	10 X 1-1/2"	100
30050	10 X 2"	100
30052	12 X 1"	100
30056	12 X 1-1/2"	100
30058	12 X 2"	100

Round Head Machine Screws



- ▶ Pan Head
- ▶ Slotted
- ▶ Zinc Plated

Cat. No.	Size	Box Qty
30408	6-32 X 1"	100
30412	8-32 X 1/2"	100
30414	8-32 X 3/4"	100
30416	8-32 X 1"	100
30420	8-32 X 1-1/2"	100
30422	8-32 X 2"	100
30424	8-32 X 2-1/2"	100
30426	8-32 X 3"	100
30438	10-24 X 1-1/4"	100
30452	10-32 X 3/4"	100
30454	10-32 X 1"	100
30456	10-32 X 2"	100
30462	1/4-20 X 3/4"	100
30464	1/4-20 X 1"	100
30466	1/4-20 X 1-1/2"	100
30468	1/4-20 X 2"	100
30472	1/4-20 X 3"	100

Flat Head Machine Screws



- ▶ Flat Head
- ▶ Slotted
- ▶ Zinc Plated

Cat. No.	Size	Box Qty
30312	6-32 X 1/2"	100
30314	6-32 X 3/4"	100
30316	6-32 X 1"	100
30318	6-32 X 1-1/4"	100
30320	6-32 X 1-1/2"	100
30322	6-32 X 2"	100
30324	6-32 X 2-1/2"	100
30326	6-32 X 3"	100

Toggle Bolts



- ▶ Pan Head
- ▶ Slotted
- ▶ Winged Spring
- ▶ Zinc Plated

Cat. No.	Length	Box Qty
30832	1/8 X 3" (6-32)	50
30838	3/16 X 3" (10-24)	50
30840	3/16 X 4" (10-24)	50
30846	1/4 X 3"	50
30848	1/4 X 4"	50

Wallplate Screws



- ▶ Painted Plate Screws
- ▶ Slotted
- ▶ 6-32 Thread

Cat. No.	Size	Color	Box Qty
30710	1/2"	Ivory	100
30720	1/2"	White	100
30730	1"	Ivory	100
30740	1"	White	100
30750	1"	Nickel	100

Threaded Rod Coupling



- ▶ Zinc Plated Steel

Cat. No.	Diameter	Length	Box Qty
30882	1/4-20	7/8"	100
30886	3/8-16	1-3/4"	50
30888	1/2-13	1-3/4"	50

Drive Pins



- For fastening into concrete, steel, or masonry with powder actuated tools
- .300 dia. head with plastic ferrule as guide
- .143 dia. shank drive pins

Cat. No.	Shank Length	Box Qty	Case Qty
31111	1/2" Knurled	100	5000
31112	5/8" Knurled	100	5000
31114	3/4"	100	5000
31116	1"	100	5000
31118	1 1/4"	100	1000
31120	1 1/2"	100	1000
31122	2"	100	1000
31124	2 1/2"	100	1000
31126	3"	100	1000

Drive Pins With Washer



- For fastening into concrete, steel, or masonry with powder actuated tools
- .300 dia. head with plastic ferrule as guide
- .143 dia. shank drive pins, 1" dia. metal washer

Cat. No.	Shank Length	Box Qty	Case Qty
31132	3/4"	100	1000
31134	1"	100	1000
31136	1 1/4"	100	1000
31138	1 1/2"	100	1000
31140	2"	100	1000
31142	2 1/2"	100	1000
31144	3"	100	1000

Drive Pins with Angle Clip



- For fastening angle clip into concrete, steel, or masonry with powder actuated tools
- .300 diameter Head with plastic ferrule as guide, .143 diameter shank drive pins

Cat. No.	Shank Length	Hole Dia.	Box Qty	Case Qty
31152	1"	.278"	100	1000
31154	1 1/4"	.278"	100	1000

Powder Loads



- .22 caliber low velocity powder charge
- Used for most low velocity single shot tools

Cat. No.	Color	Power	Power Level	Box Qty	Case Qty
31162	Gray	Lowest	1	100	1000
31164	Brown	Low	2	100	1000
31166	Green	Medium	3	100	1000
31168	Yellow	Strong	4	100	1000

Powder Loads – 10 Shot Strip



- .27 caliber powder charge
- Used for most low velocity strip shot tools

Cat. No.	Color	Power Level	Power Level	Box Qty	Case Qty
31172	White	Lowest	2	100	1000
31174	Green	Low	3	100	1000
31176	Yellow	Medium	4	100	1000
31178	Red	Strong	5	100	1000

SECTION

Q



Cable Pulling

- ▶ Pull Line/Pull Tape & Rope Q1-Q2
- ▶ Pulling Grips Q2
- ▶ Fish Tapes & Fish Sticks Q3-Q4
- ▶ Pulling Lubricant Q5

Polypropylene Pull Line



- ▶ Continuous Fiber Polypropylene for Blowing Directly into Conduit
- ▶ 210 Lb Tensile Strength
- ▶ 6500 Ft Length
- ▶ Packaged in 5 gallon pail
- ▶ Waterproof - Will Not Rot or Mildew
- ▶ Can be Left in Conduit for Future Use

Cat. No.	Diameter (Inches)	Length (feet)	Tensile Strength	Qty
31900	1/8"	6500Ft	210	1

Conduit Measuring Tape



- ▶ Provides Quick and Accurate Measurement of Conduit Runs
- ▶ 1/4" Coated Polyester
- ▶ Easy to read Markings in Sequential One-foot Increments
- ▶ Pulls Rope through Raceways without Stretching
- ▶ Waterproof - Will not Rot or Mildew
- ▶ 160 Lb Tensile Strength
- ▶ 3000 Ft

Cat. No.	Width (Inches)	Length (feet)	Tensile Strength	Qty
31904	3/16"	3000Ft	160	1

Conduit Pulling Tape



- ▶ Saves money on small cable pulling applications
- ▶ Thread, measure and pull with single product
- ▶ Imprinted with sequential footage markings
- ▶ Fewer installation steps, significant material and labor savings
- ▶ Low Stretch Woven Polyester
- ▶ 3000 Ft

Cat. No.	Width (Inches)	Length (feet)	Tensile Strength	Qty
31906	1/2"	3000Ft	1250	1
31908	3/4"	3000Ft	2500	1

Twisted Polypropylene Pull Rope



- ▶ Low-Friction 3-Strand Twisted Polypropylene Rope
- ▶ Slides Easily through Conduit
- ▶ Non-Sliver Surface can be handled without gloves
- ▶ Waterproof - Will not rot or mildew
- ▶ Rugged Lightweight Construction, Floats
- ▶ UV Resistant

Cat. No.	Diameter (Inches)	Length (feet)	Tensile Strength	Pulling Eye	Qty
31910	1/4"	300Ft	1125	No	1
31912	1/4"	600Ft	1125	No	1
31914	1/4"	1200Ft	1125	No	1
31916	3/8"	300Ft	2430	Yes	1
31918	3/8"	600Ft	2430	Yes	1
31920	3/8"	1200Ft	2430	Yes	1
31922	1/2"	300Ft	3780	Yes	1
31924	1/2"	600Ft	3780	Yes	1
31926	1/2"	1200Ft	3780	Yes	1

Cable Pulling Grips - Rotating Eye - Heavy Duty



- ▶ Heavy Duty Loads
- ▶ Rotating Eye
- ▶ Double Weave
- ▶ Galvanized Steel Wire Mesh
- ▶ Aluminum Alloy Pulling Eye

Cat. No.	Cable Range	Length	Max Load Lbs	Bag Qty	Box Qty
31810	.50" - .59"	21"	4000	1	20
31811	.63" - .71"	21"	4750	1	20
31812	.74" - .98"	40"	4750	1	20
31813	1.02" - 1.22"	40"	9000	1	15
31814	1.50" - 1.92"	41"	11500	1	10
31815	1.96" - 2.48"	43"	19000	1	10
31816	2.52" - 2.95"	46"	23000	1	5
31817	3" - 3.46"	49"	29000	1	5
31818	3.50" - 3.97"	51"	34000	1	3
31819	4" - 4.48"	51"	35000	1	3
31820	4.53" - 4.90"	70"	36000	1	3
31821	5.04" - 5.98"	70"	37500	1	2

Cable Pulling Grips - Flexible Eye - Medium Duty



- ▶ Medium Duty Loads
- ▶ Galvanized Steel
- ▶ Flexible Eye
- ▶ Double Weave

Cat. No.	Cable Range	Length	Max Load Lbs	Bag Qty	Box Qty
31823	.51" - .59"	29"	3150	1	50
31824	.63" - .71"	32"	3900	1	50
31825	.74" - .98"	33"	4750	1	50
31826	1.02" - 1.22"	33"	6700	1	30
31827	1.50" - 1.92"	35"	11500	1	10
31828	1.96" - 2.48"	36"	13000	1	30
31829	2.52" - 2.95"	38"	17000	1	5
31830	3" - 3.46"	42"	17000	1	5
31831	3.50" - 3.97"	44"	21750	1	5

Cat. No.	Cable Range	Length	Max Load Lbs	Bag Qty	Box Qty
31836	.74" - .98"	45"	4750	1	50
31837	1.02" - 1.22"	45"	6700	1	30
31838	1.50" - 1.92"	47"	11500	1	30
31839	1.96" - 2.48"	48"	13000	1	20
31840	2.52" - 2.95"	48"	17000	1	10
31841	3" - 3.46"	50"	17000	1	5
31842	3.50" - 3.97"	54"	21700	1	5

Steel Fish Tape



- ▶ High Impact Storage Case & one piece Nylon Handle for Maximum Durability, Long Life, & Easy, Comfortable Use
- ▶ Highly-Durable Tempered 1/8" Wide Spring Steel
- ▶ Comfortable Slip Resistant Gripping Surface

Maximum Load: 360 lbs
Tensile Strength: 500 lbs

Cat. No.	Size	Case Qty
52240	50' X 1/8" X 1/16" Fish tape	6
52242	100' X 1/8" X 1/16" Fish tape	6
52244	200' X 1/8" X 1/16" Fish tape	6
52247	6.9" Replacement Leader for steel tape	1

Stainless Steel Fish Tape



- ▶ Tempered, High Quality 1/8" (3mm) Wide Stainless Steel Tape
- ▶ Rust & Corrosion Resistant Tape Allows it to Rewind Easier & Last Longer than Ordinary Tape
- ▶ Super Clean Finish Prevents Marks on Walls or Carpet
- ▶ Includes a Formed Hook at End
- ▶ Large Handle Grip for Greater User Control
- ▶ Heavy-Duty Winder Case & one piece Nylon Handle for Maximum Durability, Long Life, & Easy, Comfortable Use

Cat. No.	Size	Case Qty
52272	50'	12
52274	120'	8
52276	200'	5

Fiberglass Fish Tape



- ▶ High Impact Storage Case & one piece Nylon Handle
- ▶ Comfortable Slip Resistant Gripping Surface
- ▶ Fiberglass non-conductive properties for safer pushing/pulling in occupied duct & panel boxes
- ▶ Fiberglass fish tape is the fastest manual fish tape available
- ▶ Repair kit included with each fish tape
- ▶ Due to the Non-Conductive materials, the tip is susceptible to breakage. Tip must be repaired by user
- ▶ Returns due to tip breakage will not be accepted

Cat. No.	Size	Case Qty
52252	50' X .15" Rod Fish tape	5
52253	100' X .15" Rod Fish tape	5
52254	150' X .15" Rod Fish tape	5
52255	200' X .15" Rod Fish tape	5
52256	260' X .15" Rod Fish tape	5
52257	9.8" Replacement Leader for Fiberglass Tape	1
52258	Fiberglass repair kit (glue, 2 eyelets, 1 leader)	1

Nylon Fish Tape



- ▶ Non-Conductive Tape for use around Live Circuits
- ▶ Smooth Nylon Jacket provides low friction around bends
- ▶ Strong Core for longer life & greater pushing power
- ▶ Furnished with a malleable eyelet tip
- ▶ Large Handle Grip for Greater User Control
- ▶ Heavy-Duty Winder Case & one piece Nylon Handle for Maximum Durability, Long Life, & Easy, Comfortable Use

Cat. No.	Size	Case Qty
52264	100'	8
52266	150'	8
52268	Malleable Tips (2 Pack)	-

Rattlesnake Fish Tape



#1 Fish Tape

- ▶ Easiest Pull
- ▶ Most Durable
- ▶ High Load
- ▶ Non-Conductive
- ▶ No Rust
- ▶ No Corrosion
- ▶ No Kinks

Maximum Load: 570 lbs
Tensile Breaking Strength: 660 lbs

- ▶ Twisted Oblong Shape and Composite Material Significantly Reduce Friction & Snags and will not Kink or Rust
- ▶ Non-Conductive
- ▶ High Impact Storage Case & Large Nylon Handle for Maximum Durability, Long Life, and Easy Use
- ▶ Comfortable Slip Resistant Gripping Surface
- ▶ Fish tape Diameter: 5/32"

Cat. No.	Size	Box Qty	Case Qty
52259	50' X 1/8" X 1/16" Fish tape	1	5
52260	100' X 1/8" X 1/16" Fish tape	1	5
52261	200' X 1/8" X 1/16" Fish tape	1	5

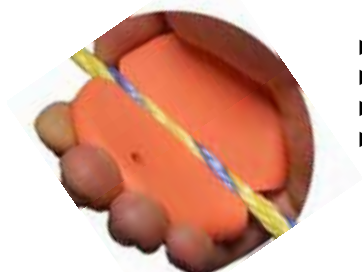
Fiberglass Fish Sticks - Wire & Cable Pulling Tools



- ▶ Durable & Flexible Non-Conductive Fiberglass Fish Rods for Pulling, Extending & Grabbing Power, Voice & Data Cables
- ▶ Perfect for Above Ceilings, Under Raised Floors, & in Walls
- ▶ Each Kit Contains 10 Rod Segments which Screw Together via Precision Machined Steel Threaded Ends
- ▶ 3 Types of Threading Tips Included - Ring, Hook & Extender Tips

Cat. No.	Description	Rod Dia.	Box Qty
52237	11 Ft. Kit	.20"	1
52238	33 Ft. Kit	.20"	1
52239	Package of 3 Tips Only—Ring, Hook, & Extender		

Cable Pulling Grips - Pulling Handle



- ▶ Hand Grip to Facilitate Easier more Ergonomic Cable Pulls
- ▶ Durable & Flexible Non-Conductive Case with Pliable High Friction
- ▶ Grooved Internal Gripping Surface - Accommodates Up To 3/8" Cable
- ▶ Simple Clamshell Design is Easy and effective Pulling Aid to Reduce Stress and Fatigue

Cat. No.	Grip Dia.	Grip Thickness	Slot Width	Bag Qty	Box Qty
52231	3"	.4"	3.8"	1	10

Pulling Lubricant - Wax Based



- ▶ Superior Lubricity
- ▶ Creamy Texture applies easily and uniformly
- ▶ Clings to Cable throughout Long Pulls
- ▶ Will Not Separate after Freezing
- ▶ 30°F to 180°F (-4°C to 82°C)
- ▶ Safe, Non-Toxic, Non-Flammable and Non-Corrosive
- ▶ Easy Clean-up
- ▶ Suitable for Rubber (R, RH); Neoprene, Nylon, PVC Jackets (T, TW, THW, THHN); HDPE & XLP
- ▶ Not Recommended for use on Asbestos or Low Density Polyethylene insulated cable

Cat. No.	Size	Case Qty
99920	Quart	12
99922	Gallon	4
99924	5 Gallon	1

Pulling Lubricant - Gel



- ▶ Exceptional Lubricity for Long & High-Temperature Cable Pulls
- ▶ Compatible with all Cable types - Electrical, Fiber Optic & Datacomm
- ▶ Non-Hazardous & Non-Flammableon-Corrosive
- ▶ Apply by Hand, Brush or Pump
- ▶ Environmentally Safe - not derived from petroleum
- ▶ No gloves or eye protection needed
- ▶ Releases No Harmful Fumes or Gases
- ▶ Non-toxic, Non-staining, Hypoallergenic
- ▶ Reconstitutes with Water - Will Not Solidify in Conduit
- ▶ Cleans up Fast with water - Clear & Odorless
- ▶ Does not Stain Clothes

- ▶ Meets IEEE - 1210-1996 & ASTM D1693 Standards
- ▶ Coefficient of Friction: <23
- ▶ PH: 6-8
- ▶ Percent Solids: <3%
- ▶ Application Temperature: 30°F to 120°F (-4°C to 49°C)

Cat. No.	Size	Case Qty
99930	Quart	12
99932	Gallon	4
99934	5 Gallon	1

Pulling Lubricant - Cold Weather Gel

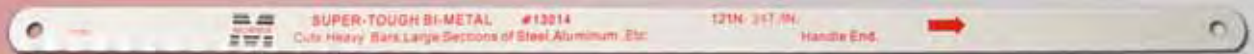


- ▶ Exceptional Lubricity for Long, & Low Temperature Cable Pulls
- ▶ Low Temperature: -25° F Rating
- ▶ Compatible with all Cable types - Electrical, Fiber optic & Datacomm
- ▶ Non-Corrosive, Non-Hazardous & Non-Flammable
- ▶ Apply by Hand, Brush or Pump
- ▶ Environmentally Safe - not derived from petroleum
- ▶ No gloves or eye protection needed
- ▶ Releases No Harmful Fumes or Gases
- ▶ Non-toxic, Non-staining, Hypoallergenic
- ▶ Reconstitutes with Water - Will Not Solidify in Conduit
- ▶ Cleans up Fast with water - Clear & Odorless
- ▶ Does not Stain Clothes

- ▶ Meets IEEE - 1210-1996 & ASTM D1693 Standards
- ▶ Coefficient of Friction: <23
- ▶ PH: 6-8
- ▶ Percent Solids: <3%
- ▶ Application Temperature: -25°F to 120°F (-32°C to 49°C)

Cat. No.	Size	Case Qty
99940	Quart	12
99942	Gallon	4
99944	5 Gallon	1

SECTION R



Bits & Blades

- ▶ Hole Saws R1-R3
- ▶ Self Feed Bits R3
- ▶ Carbide Tip Hole Saws R4
- ▶ Step Bits R4
- ▶ Auger Bits R4
- ▶ Spade Bits R5
- ▶ Carbide Tip Masonry Bits R5
- ▶ Titanium Drill Bits R6
- ▶ Hacksaw Blades, Bit Holders, & Insert Bits R7
- ▶ Reciprocating Blades R8

Bi-Metal Hole Saws - 4/6 Pitch



- ▶ M42 Bi-Metal For Use in Most Materials: Wood, Plastic, Aluminum, Brass, Cast Iron, & Stainless Steel
- ▶ Variable Pitch Design (4-6 Teeth/Inch) Reduces Labor & Tool Costs By Cutting 45% Faster & Lasting Longer than Straight 6 Pitch Saws
- ▶ Better Chip Clearance, Less Heat Build-Up, Lower Feed Pressure & Smooth Cuts
- ▶ Bi-Metal Hole Saws Combine the Toughness & Shock Resistance of an Alloy with the Cutting Ability of High Speed Steel
- ▶ 1-3/4" Cutting Depth
- ▶ 3/16" Thick Heavy Duty Backing Plate Eliminates the Need for Driving Plates and Prevents Drive Pin Holes from Elongating
- ▶ Packed in Individual Color Boxes

Cat. No.	Saw Dia. Inches (mm)	Pipe Tap Size	Pipe Entrance Size	For use with Arbor No's.
13312	9/16 (14)	-	-	13452-13458
13314	5/8 (16)	-	-	13452-13458
13316	11/16 (17)	-	-	13452-13458
13318	3/4 (19)	1/2"	3/8"	13452-13458
13320	13/16 (21)	-	-	13452-13458
13322	7/8 (22)	3/4"	1/2"	13452-13458
13324	15/16 (24)	-	-	13452-13458
13326	1 (25)	-	-	13452-13458
13328	1-1/16 (27)	-	-	13452-13458
13330	1-1/8 (29)	1"	3/4"	13452-13458
13332	1-3/16 (30)	-	-	13452-13458
13334	1-1/4 (32)	-	-	13460-13470
13336	1-5/16 (33)	-	-	13460-13470
13338	1-3/8 (35)	-	1"	13460-13470
13340	1-7/16 (37)	-	-	13460-13470
13342	1-1/2 (38)	1-1/4"	-	13460-13470
13344	1-9/16 (40)	-	-	13460-13470
13346	1 5/8 (41)	-	-	13460-13470
13348	1-11/16 (43)	-	-	13460-13470
13350	1-3/4 (44)	1-1/2"	1-1/4"	13460-13470
13352	1-13/16 (46)	-	-	13460-13470
13354	1-7/8 (48)	-	-	13460-13470
13356	2 (51)	-	1-1/2"	13460-13470
13358	2-1/16 (52)	-	-	13460-13470
13360	2-1/8 (54)	-	-	13460-13470

Cat. No.	Saw Dia. Inches (mm)	Pipe Tap Size	Pipe Entrance Size	For use with Arbor No's.
13362	2-1/4 (57)	2"	-	13460-13470
13364	2-5/16 (59)	-	-	13460-13470
13366	2-3/8 (60)	-	-	13460-13470
13368	2-1/2 (64)	-	2"	13460-13470
13370	2-9/16 (65)	-	-	13460-13470
13372	2-5/8 (67)	2-1/2"	-	13460-13470
13374	2-3/4 (70)	-	-	13460-13470
13376	2-7/8 (73)	-	-	13460-13470
13378	3 (76)	-	2-1/2"	13460-13470
13380	3-1/8 (79)	-	-	13460-13470
13382	3-1/4 (83)	3"	-	13460-13470
13384	3-3/8 (86)	-	-	13460-13470
13386	3-1/2 (89)	-	-	13460-13470
13388	3-5/8 (92)	-	3"	13460-13470
13390	3-3/4 (95)	3-1/2"	-	13460-13470
13392	3-7/8 (98)	-	-	13460-13470
13394	4 (102)	-	-	13460-13470
13396	4-1/8 (105)	-	3-1/2"	13460-13470
13398	4-1/4 (108)	4"	-	13460-13470
13400	4-3/8 (111)	-	-	13460-13470
13402	4-1/2 (114)	4-1/2"	4"	13460-13470
13404	4-3/4 (121)	-	-	13460-13470
13406	5 (127)	-	-	13460-13470
13408	5-1/2 (140)	-	-	13460-13470
13410	6 (152)	-	-	13460-13470

12 Piece Hole Saw Set



- ▶ 12 Piece Set
- ▶ Set Contains Nine High Speed Hole Saws, Two Arbors (13456 & 13466), & a 1/4" Arbor Adapter (13434)
- ▶ Saw Diameters are: 3/4", 7/8", 1-1/8", 1-3/8", 1-1/2", 1-3/4", 2", 2-1/4" and 2-1/2"
- ▶ All Components are Packed In a Sturdy Plastic Molded Carrying Case

Cat. No.	Description	Kits/Case
13422	12 Piece Hole Saw Set	5

Hex Extension Shank



- ▶ 12" Extension Fits 7/16" Hex Arbors

Cat. No.

13432

Replacement 1/4" Arbor Adapter



- ▶ Converts 1/2"-20 Thread Size Arbor to 5/8"-18 Thread Size for use with Larger Diameter Saws
- ▶ Not Recommended For Saws Larger than 1-1/2" Diameter

Cat. No.

13434

Description

1/4 Arbor Adapter

Replacement Pilot Drills



- ▶ 1/4" High Speed Pilot Drills for use with all Hole Saw Arbors
- ▶ For General Cutting Of Wood and Metal
- ▶ Blister Packed

Cat. No.	Length	For Hole Saw Model
13442	4-1/8"	13452, 13456, 13460, 13466
13444	3-1/4"	13454, 13458, 13468, 13470

Hole Saw Arbors



- ▶ Rugged, Heat Treated Steel Arbors Complete with 1/4" (6MM) High Speed Pilot Drill
- ▶ Cuts clean circular holes through steel & wood
- ▶ Built to Stand Up Under Hard High Speed Use
- ▶ Blister Packed

Cat. No.	Shank	Includes Snap Pins	Fits Hole Saw Diameters	Replacement Pilot Drill
13452	1/4" (6.5mm) Round	No	9/16" - 1-3/16" (14-30)	13442
13454	3/8" (9.5mm) Hex	No	9/16" - 1-3/16" (14-30)	13444
13456	7/16" (11.0mm) Hex	No	9/16" - 1-3/16" (14-30)	13442
13458	SDS Quick Change	No	9/16" - 1-3/16" (14-30)	13444
13460	7/16" (11.0mm) Hex	No	1-1/4" - 6" (32-152)	13442
13466	7/16" (11.0mm) Hex	Yes	1-1/4" - 6" (32-152)	13442
13468	3/8" (9.5mm) Hex	Yes	1-1/4" - 6" (32-152)	13444
13470	SDS Quick Change	Yes	1-1/4" - 6" (32-152)	13444

Self-Feed Bits



- ▶ Cuts Faster & Has Improved Balance with Reduced Runout
- ▶ Shanks Have Flat Surfaces for Secure Chuck Grip
- ▶ Feed Screw is Removable & Replaceable
- ▶ Feed Screw Provides Fast, Effortless Feeding Even in Gummy Wood
- ▶ Each Bit includes a Double Sided Feed Screw & Allen Wrench - after Bit is Worn, You Can Reverse the Bit to the Other Side
- ▶ Inside Cutting Plane Shaves Hole Radius for Clean, Smooth Holes without Pressure
- ▶ Spurs on Outside Diameter Cut Holes Clearly & Accurately
- ▶ Universal 7/16" shank

Cat. No.	Size
13881	1"
13882	1-1/8"
13883	1-1/4"
13884	1-3/8"
13885	1-1/2"
13886	1-5/8"
13887	1-3/4"
13888	2"
13889	2-1/8"
13890	2-1/4"
13891	2-9/16"
13898	3mm Allen Wrench
13899	Screw Point Replacement

Recessed Lighting Hole Saws - Carbide Grit



- ▶ The perfect choice for quick and easy installation of recessed lighting
- ▶ Carbide grit cutting edge easily cuts holes in ceramic tile, fiberglass, marble, slate etc.
- ▶ Cuts through stucco, lath, and plaster
- ▶ Cuts 1-3/8" deep - through two sheets of 5/8" drywall in one pass to a depth of two inches
- ▶ Fits most major brands Halo, Capri, Marco, Juno, Prescolite, Progress, Lithonia, Lightolier, and others
- ▶ Strong, durable back plate
- ▶ Arbor not included (accepts Morris Arbor #13466, 13468, or 13470)

Cat. No.	Diameter	Use For
13492	4-3/8"	Juno, Capri, Marco, Halo
13494	6-3/8"	Halo, Capri
13496	6-5/8"	Juno, Progress
13498	6-7/8"	Progress, Capri, Prescolite, Lightolier, Lithonia, Marco

Driller Dust Bowl



Driller's Dust Bowl solves the problem of making a mess while drilling large diameter holes in ceiling for the installation of a recessed light fixture, eliminating the need for face masks, goggles, drop cloths or vacuuming. The tool accessory easily fits between a drill's chuck and cutting tool. It forms a seal to the surface of the material being worked on and collapses like a plunger to allow the user to perform the

task while encapsulating all the debris created by the process. It works with a wide variety of drill bits, other cutting tools, and all sizes of hole saws.

- ▶ Works with tools you already have
- ▶ No ceiling marks
- ▶ Stops you from punching through once hole is cut

Cat. No.	Description	Case Qty
13500	Driller Dust Bowl	12

Carbide Tip High Speed Steel Hole Saw Cutters



- For Hard Materials
- Tungsten carbide tips are strengthened with the latest brazing technology ensuring a longer drilling life - 10x longer than standard hole saws
- Precision ground teeth cut smooth burr-free holes with ease
- Split-point pilot drill prevents walking & allows accurate hole placement
- Easily drills material as hard as stainless steel

Cat. No.	Size	Conduit	CU Pipe
13476	1-3/8"	1"	-
13478	1-1/2"	-	-
13480	1-3/4"	1-1/4"	1-1/2"
13482	2"	1-1/2"	-
13484	2-1/2"	2"	2"

Step Drill Bits



- One bit allows you the flexibility to drill various hole diameters
- Self-starting point eliminates starter holes or punches
- Double-fluted design for balanced cuts, faster penetration, & cooler operation
- Use for metal studs, switchboxes, lighting fixtures, junction boxes, etc.
- All bits marked with sizes
- Automatically de-burs drilled hole
- Heat treated & tempered for maximum strength & life

Cat No.	Drill Diameter Sizes (inches)	Chuck Size
13980	1/8, 5/32, 3/16, 7/32, 1/4, 9/32, 5/16, 11/32, 3/8, 13/32, 7/16, 15/32, 1/2	1/4"
13982	3/16, 1/4, 5/16, 3/8, 7/16, 1/2	1/4"
13984	1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4	3/8"
13986	3/16, 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8	3/8"
13988	1/4, 25/64, 35/64, 11/16, 7/8, 1, 1-1/8, 1-7/32, 1-1/4, 1-3/8	3/8"

Nail Hawg Auger Bits



- Eats thru Nails
- Precision Point Design prevents point breakage
- Primarily Used For Drilling Wood Where Small Nails and Other Materials May be Encountered
- 7/16" Shank
- Hollow Center Twist Designed for Fast, Continuous Flow of Chips
- Self-Feeding Screw Point Draws Bit
- Heat Treated for Long Life
- Packed in Hanging Hard Plastic Tube

Cat. No.	Bore Diameter	Length
13660	5/8"	7-3/4"
13662	11/16"	7-3/4"
13664	3/4"	7-3/4"
13666	13/16"	7-3/4"
13668	7/8"	7-3/4"
13670	1"	7-3/4"
13680	1/2"	18"
13682	5/8"	18"
13684	11/16"	18"
13686	3/4"	18"
13688	13/16"	18"
13690	7/8"	18"
13692	15/16"	18"
13694	1"	18"
13696	1-1/8"	18"
13698	1-1/4"	18"

Auger Bit Extensions



- 12" Extension Fits 7/16" Hex Shank
- Add 12" to your bit
- Heavy-duty set screw type
- Has 2 Set Screws
- Hex Wrench included

Cat. No.

13798

Flat Spade Bits



- ▶ Fast Cut Bevel Edge
- ▶ Large Size Markings make Bit easily identifiable
- ▶ Bore Hardwood, Softwood, Plywood & Drywall
- ▶ Forged & Heat Treated for Long Life
- ▶ Hole in Top Center for Wire Pulling
- ▶ Packed in Hanging See-Through Plastic Pouch
- ▶ Quick change feature

Cat. No.	Hole Diameter	Length
13812	1/4"	6"
13814	3/8"	6"
13816	1/2"	6"
13818	5/8"	6"
13820	3/4"	6"
13822	7/8"	6"
13824	1"	6"
13826	1-1/8"	6"
13828	1-1/4"	6"
13830	1-3/8"	6"
13832	1-1/2"	6"
13842	3/8"	16"
13844	1/2"	16"
13846	5/8"	16"
13848	3/4"	16"
13850	7/8"	16"
13852	1"	16"

6 PIECE SET – 6" Long 3/8", 1/2", 5/8", 3/4", 7/8", 1"

13862

6 Piece Set

Carbide-Tip Masonry Bits



- ▶ Slow Spiral
- ▶ High Grade Alloy Steel Shank for Strength and Durability
- ▶ Shallow Precision Machined Wide Oval Flutes - Lift & Prevents Dust Packing
- ▶ Carbide Tip Resists Dulling
- ▶ Drills Masonry, Brick, Stone, Plaster, Slate, etc.
- ▶ Produces Clean, Accurately Sized Holes Fast
- ▶ Packed in Hanging Hard Plastic Tube

Cat. No.	Diameter	Shank Diameter	Length
13612	1/8"	1/8"	3"
13614	5/32"	5/32"	3"
13616	11/64"	11/64"	3"
13618	3/16"	3/16"	3"
13620	7/32"	3/16"	3"
13622	1/4"	1/4"	4"
13624	1/4"	1/4"	6"
13626	1/4"	1/4"	12"
13628	9/32"	1/4"	4"
13630	5/16"	5/16"	4"
13632	3/8"	3/8"	4"
13634	7/16"	3/8"	6"

Cat. No.	Diameter	Shank Diameter	Length
13636	1/2"	3/8"	6"
13638	1/2"	3/8"	18"
13640	9/16"	1/2"	6"
13642	5/8"	1/2"	6"
13644	11/16"	1/2"	6"
13646	3/4"	1/2"	6"
13648	7/8"	1/2"	6"
13650	1"	1/2"	12"
13652	1-1/8"	1/2"	12"
13654	1-1/4"	1/2"	12"
13656	1-1/2"	1/2"	12"

Titanium Coated High Speed Steel Drill Bits



- ▶ Titanium Coating allows for Higher Drilling Temperatures & Increases Life of the Bit 500%
- ▶ M2 Steel for Superior Metal, Wood & PVC Drilling
- ▶ 135° Split Point for No Slip Starting
- ▶ Self Centering, Reduced Thrust & Easier Penetration
- ▶ Precision Ground Flutes

Cat. No.	Bit Size	Flute Length	Overall Length
13512	1/16"	7/8"	1-7/8"
13514	5/64"	1"	2"
13516	3/32"	1-1/4"	2-1/4"
13518	7/64"	1-1/2"	2-5/8"
13520	1/8"	1-5/8"	2-3/4"
13522	9/64"	1-3/4"	2-7/8"
13524	5/32"	2"	3-1/8"
13526	11/64"	2-1/8"	3-1/4"
13528	3/16"	2-5/16"	3-1/2"
13530	13/64"	2-7/16"	3-5/8"
13532	7/32"	2-1/2"	3-3/4"
13534	15/64"	2-5/8"	3-7/8"
13536	1/4"	2-3/4"	4"
13538	17/64"	2-7/8"	4-1/8"
13540	9/32"	2-15/16"	4-1/4"

Cat. No.	Bit Size	Flute Length	Overall Length
13542	19/64"	3-1/16"	4-3/8"
13544	5/16"	3-3/16"	4-1/2"
13546	21/64"	3-5/16"	4-5/8"
13548	11/32"	3-7/16"	4-3/4"
13550	23/64"	3-1/2"	4-7/8"
13552	3/8"	3-5/8"	5"
13554	25/64"	3-3/4"	5-1/8"
13556	13/32"	3-7/8"	5-1/4"
13558	27/64"	3-15/16"	5-3/8"
13560	7/16"	4-1/16"	5-1/2"
13562	29/64"	4-3/16"	5-5/8"
13564	15/32"	4-5/16"	5-3/4"
13566	31/64"	4-3/8"	5-7/8"
13568	1/2"	4-1/2"	6"

20 Piece Titanium Coated Drill Bit Set

(2)1/16", 5/64", (2)3/32", (2)7/64", (2)1/8", 9/64", 5/32", 11/64", (2)3/16", 13/64", 7/32", 15/64", (2)1/4", 3/8"



- ▶ 20 Piece Drill Set in Plastic Case
- ▶ Titanium Coating allows for Higher Drilling Temperatures & Increases Life of the Bit 500% over Uncoated Drill Bits
- ▶ M2 Steel for Superior Metal, Wood & PVC Drilling
- ▶ 135° Split Point for No Slip Starting
- ▶ Precision Ground Flutes

Cat No.	Description
13592	20 Piece Drill Bit Set

Saw Drill Bit



- ▶ Drills Holes & Saws in one operation - used to enlarge holes
- ▶ Multi Function Bit Drills - Saws and Reams Brass, Aluminum, Wood, and Plastics
- ▶ Cross Milled Cutting Edges for Rapid, Non Clog Cutting
- ▶ Fits any Electric Drill or Drill Press
- ▶ Cuts Own Starting Hole and Any Shape In Any Direction
- ▶ Fully Ground Titanium for Long Life
- ▶ Packed in Hanging Hard Plastic Tube

Cat. No.	Size
13032	1/8"
13034	5/32"
13036	3/16"
13038	7/32"
13040	1/4"
13042	5/16"

Hack Saw Blades



- Blades Offer a Super Sharp High Speed Cutting Edge
- Bi-Metal Blades Combine the Toughness and Shock Resistance of an Alloy with the Cutting Ability of High Speed Steel
- Outlasts Conventional Blades up to 3 Times Longer
- High Resistance to Breaking & Requires Fewer Blade Changes
- Can Be Used In Any Hack Saw Frame
- Packed in Hanging See-Through Plastic Pouch

Cat. No.	Length	Teeth Per Inch	Cuts Material	Qty Per Pouch
13012	12"	18	1/4" & thicker	10
13014	12"	24	1/8"-1/4" thick	10
13016	12"	32	1/8" thick & less	10

1/4" Magnetic Bit Holder/Extension Screwdriver Guide



- 2-3/8" long (extends to 4-3/4")
- Holds 1/4" hex insert bits & accepts screws #10 & smaller
- Heat treated hardened steel bit
- Oversized magnet holds screw in correct starting position
- Outer sleeve slides over screw head & helps to keep bit in the screw head recess
- Extends power tool reach by reaching limited access areas

Cat. No.

13900

Hex Shank Insert Bits



- 1/4" Hex Drive Insert & Power Bits
- Made of S2 Steel for Strength & Long Life
- Packed in Hanging Hard Plastic Box

Cat. No.	Overall Length	Point Size	Bits/Pkg
13912	1"	#1	10
13914	1"	#2	10
13916	1"	#3	10
13920	2"	#2	5

100 Piece Security Bit Set



PH0, PH1, PH2 x 5pcs, PH3
SL 3, 4, 4.5, 5, 5.5, 6, 6.5, 7, 8mm
PZ0, PZ1, PZ2 x 5pcs, PZ3
Spanner 4, 6, 8, 10
Tri-wing 1, 2, 3, 4
4 Square 0, S1, S2, S3
M 5, 6, 8
Torque Set 6, 8, 10
Clutch 1, 2, 3
2.4" Long Magnetic Bit Holder
1" Adaptor
2" Adaptor

- One of the most complete tamperproof screwdriver kits available with all of the most common & many of the rarest bits
 - Includes magnetic holder & adaptors for power driving
- 1" Y-Bit
1" Bit Holding Socket
T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-35 T-40 (Tamper Proof)
T-8, T-10, T-15, T-20, T-25, T-27, T-30, T-40, T-45
Hex 1.5, 2, 2.5, 3, 4, 5, 5.5, 6, 8mm
Hex 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32" 1/4"
Hex 2, 2.5, 3, 4, 5, 6mm (Tamper Proof)
Hex 5/64", 3/32", 7/64", 1/8", 9/64", 5/32" (Tamper Proof)

Cat. No.	Description	Inner Box Qty	Outer Box Qty
13950	100 Piece Security Bit Set	12	24

Reciprocating Saw Blades



- Bi-Metal Construction for Faster Cutting & Longer Life Blade
- Wider, Thicker Design for Faster Cuts and Reduced Vibration
- Packed in Hanging See-Through Plastic Pouch

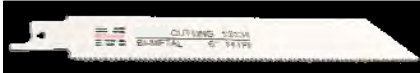
WOOD CUTTING BLADES

Cat. No.	Teeth/Inch	L	W	TH	Description	Pouch Qty
13112	6	6"	3/4"	.05"	Very Fast Cutting, Nail Embedded Wood General Rough-In	5
13114	6	12"	3/4"	.05"	Very Fast Cutting, Nail Embedded Wood General Rough-In	5



METAL CUTTING BLADE

Cat. No.	Teeth/Inch	L	W	TH	Description	Pouch Qty
13132	14	4"	3/4"	.05"	Metal 3/16-1/4", Conduit, Tubing, Channels, Pipe, Rubber, Fiber	5
13134	14	6"	3/4"	.05"	Metal 3/16-1/4", Conduit, Tubing, Channels, Pipe, Rubber, Fiber	5
13136	18	4"	3/4"	.05"	Metal 1/8-3/16", Conduit, Tubing, Channels, Pipe	5
13138	18	6"	3/4"	.05"	Metal 1/8-3/16", Conduit, Tubing, Channels, Pipe	5
13140	24	4"	3/4"	.05"	Metal Thinner Than 1/8", Tubing, Pipe, Trim	5
13142	24	6"	3/4"	.05"	Metal Thinner Than 1/8", Tubing, Pipe, Trim	5



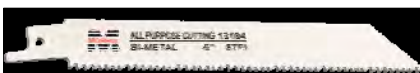
SCROLL CUTTING BLADES

Cat. No.	Teeth/Inch	L	W	TH	Description	Pouch Qty
13164	14	3-5/8"	5/16"	.05"	Metal Scroll Cutting 3/16" Thru 1/4"	5



ALL PURPOSE CUTTING BLADES

Cat. No.	Teeth/Inch	L	W	TH	Description	Pouch Qty
13182	10	6"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals	5
13184	8/12	6"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals, Cast	5
13186	8/12	8"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals, Cast	5
13188	8/12	12"	3/4"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Ferrous and Non-Ferrous Metals, Cast	5
13190	10/12	6"	5/8"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Light Gauge Ferrous and Non-Ferrous Metals and Aluminum, Has 5/8" Width For Higher Flex	5
13192	10/12	9"	5/8"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Light Gauge Ferrous and Non-Ferrous Metals and Aluminum, Has 5/8" Width For Higher Flex	5
13194	10/12	12"	5/8"	.05"	All Woods, Nail Embedded Composition Material, Plastic, Light Gauge Ferrous and Non-Ferrous Metals and Aluminum, Has 5/8" Width For Higher Flex	5



SECTION

S



Tools

Crimp Tools



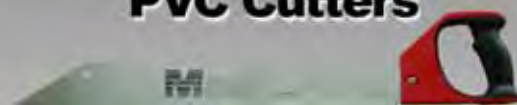
S1-S2

Cable Cutters



S2-S3

Saws & PVC Cutters



S4

Hole Punch Kits



S5-S8

Conduit Benders



S9

Terminal Crimping



S10-S12

Cutter Strippers & Crimpers



S12-S17

Cable Tie Tools



S18

Screwdrivers & Bit Sets



S19-S22

Pliers & Wrenches



S22-S24

Utility Knives



S25-S26

Tapes & Levels



S27

Tool Bags



S28-S30

Work Lights



S31-S32

Safety Products



S33-S37

Mechanical Crimp Indentor Tools



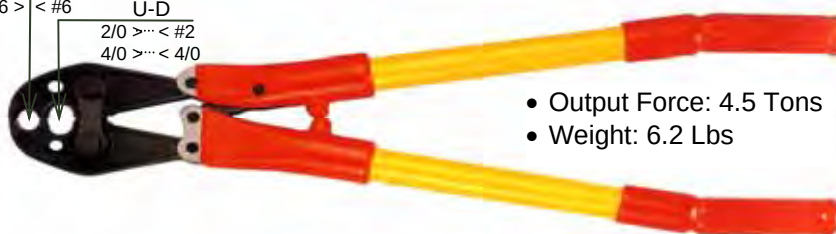
- For Aluminum & Copper Lugs
- Buy One Tool - No Dies To Order, No Dies to Lose
- Cost Less Than Expensive Hydraulic Tools
- Quality Construction - High Strength Steel Body
- Adjustable Indenter Covers a Wide Array of Wire Ranges of Copper and Aluminum Lugs and Splices
- Nest and Indenter Made of High Strength Steel for Durability
- Small Head - Convenient in Small Areas
- All Tools Have Rubber Handle Grips
- **Model #50008 has a Pull-Out Handle Design which Provides Increased Leverage.**
- **At 500 MCM, Model #50008 Requires Less Handle Load Than 250MCM Tools Require at 250 MCM**

Cat. No.	Wire Range	Housing	Length	Weight	Qty
50008	8 - 500 AWG AL	Forged	25"	9.0 lbs.	1
50010	8 - 4/0 AWG AL	Cast	22"	6.2 lbs.	1
50015	8 - 4/0 AWG AL	Forged	23.4"	7.7 lbs.	1
51002	50008 Bolt & V Part Replacement				
51004	50010 Bolt Part Replacement				
51005	50010 V Part & Screw Assembly				
51006	50015 Bolt Part Replacement				
51007	50015 V Part Replacement & Screw Assembly				

H-Tap Mechanical Crimp Tool - O, D & BG Dies

U-O
#2 > < #6
#6 > < #6
U-D
2/0 >... < #2
4/0 >... < 4/0

Mechanical Crimper for WR Series & H-Tap Connectors



- Output Force: 4.5 Tons
- Weight: 6.2 Lbs



50086 U-BG Die Set

- 50086 U-BG Die #6 - #8 used for:
- H-Taps requiring U-BG Die
- Entrance Splices
- 50086 Die Purchased Separately

- Designed for crimping Overhead Service Entrance Connections, Overhead Splices, & Overhead Taps
- D3 die groove serves as a die seat for W type dies
- Easy to use MD-6 type 'POP' tool
- Bent fiberglass handle provides a solid grip, good leverage, & better durability than wood
- Complete crimps are assured with an over-center cam mechanism
- Tool can easily be checked visually for proper adjustment & can be adjusted with an allen wrench

Cat. No.	Description	Box Qty
50085	H-Tap Crimp Tool with 'O' & 'D' nose dies	1
50086	U-BG Die #6 - #8 (not included with tool)	1

Crimp Tools - Rotating Hexagonal Dies



- ▶ Self Contained Rotating Dies in Crimp Head
- ▶ Crimps Copper Compression Lugs
- ▶ Crimp Head: Carbon-chromium-molybdenum alloy steel
- ▶ Steel Handles with PE Grips

Cat. No.	Wire Range	Length	Box Qty
50006	#6 - 1/0	15"	1
50007	#6 - 250 MCM	24"	1

Wire/Cable Cutters - Steel Handle



- ▶ Shear Type Blades are Made of Forged, Heat Treated Steel and Precision Ground for Clean Cuts
- ▶ Heavy-Duty Design for Long, Dependable Service
- ▶ Steel Handles with Large Rubber Grips for Greater Strength, Comfort and Leverage
- ▶ Not for use on armored cable, messenger strand, guy wire, ACSR, steel cable, wire rope etc.

Cat. No.	Length	Max Wire Size	Weight	Box Qty
50048	12"	250MCM	1.8 Lbs	1
50050	30"	750MCM Aluminum & 1000MCM Copper	6.2 Lbs	1

Wire/Cable Cutter - Aluminum Handle - 600 MCM



- ▶ Maximum Wire Size: 600 MCM Copper or Aluminum Cable
- ▶ Aluminum Alloy Handles with Large Rubber Grips for Greater Strength, Comfort & Leverage
- ▶ Shear Type Blades are Made of Forged, Heat Treated Steel and Precision Ground for Clean Cuts
- ▶ Not for use on armored cable, messenger strand, guy wire, ACSR, steel cable, wire rope etc.

Cat.	Length	Weight	Box Qty
50040	23.6"	4.6 Lbs	1

Wire/Cable Cutter - 2/0



- ▶ Maximum Wire Size: 2/0 Copper/Aluminum
- ▶ Heat Treated, Precision Ground Shear Action for Clean Cuts
- ▶ Heavy-Duty Forged Steel Cutter
- ▶ High Leverage Handles are Rubber Coated for Extra Comfort and Grip
- ▶ Not for use on armored cable, messenger strand, guy wire, ACSR, steel cable, wire rope etc.
- ▶ Blister Packed

Cat. No.	Length	Weight	Box Qty
50060	9.8"	1.1 Lbs	1

Ratcheting Wire/Cable Cutters



50070



50080

- ▶ For cutting copper & aluminum cable
- ▶ Compact and Portable
- ▶ Spring Action Mechanism
- ▶ Simple One-Hand Operation
- ▶ Less Handle Forces Required
- ▶ Heat Treated, Precision Ground Shear Action Blades
- ▶ Blister Packed
- ▶ **Not for use on ACSR cable, armored cable or steel wire**

Cat. No.	Maximum Wire Size	Length	Box Qty
50070	400 MCM CU/AL	9.75"	1
50080	750 MCM CU/AL	9.75"	1

Ratcheting Wire/Cable Cutter - 1000 MCM



- ▶ Long handles give leverage for easier cutting
- ▶ For cutting copper and aluminum cable only
- ▶ Capacity up to 1000MCM
- ▶ Compact & Portable - only weighs 2 Lbs
- ▶ Spring action mechanism
- ▶ Heat treated, precision ground shear action blades
- ▶ **Not for use on ACSR cable, armored cable or steel wire**

Cat. No.	Maximum Wire Size	Length	Box Qty
50083	1000 MCM CU/AL	17"	5

Ratcheting Wire/Cable Cutter - ACSR



- ▶ For cutting copper & aluminum cable
- ▶ Capacity up to 750MCM
- ▶ 1" Copper or Aluminum Rod
- ▶ 3/4" ACSR
- ▶ 3/8" Soft Steel Bar
- ▶ Long handles give leverage for easier cutting
- ▶ Compact & Portable
- ▶ Spring action mechanism
- ▶ Heat treated, precision ground shear action blade

Cat. No.	Maximum Wire Size	Length	Box Qty
50084	750 MCM CU/AL	16.5"	1

PVC Conduit Saw



- ▶ PVC Conduit Hand Saw
- ▶ ABS Handle
- ▶ Non-Slip TPR Grip
- ▶ 12" or 18" Lengths
- ▶ 11 Teeth Per Inch
- ▶ Super-Point for Quick Cut Start

Cat No.	Length	TPI	Box Qty
50116	12"	11	6
50117	18"	11	10
Replacement Blades			
50118	12"	11	10
50119	18"	11	10

PVC Pipe Cutters



50110 & 50112

50115

- ▶ Metal Construction, Makes Clean, Burr-Free Cuts Through PVC
- ▶ Ratcheting Action Design For Maximum Cutting Power with Little Effort
- ▶ 50110 & 50112 are Blister Packed

Cat. No.	Description	Max Cutting Diameter	Box Qty	Case Qty
50110	Medium-Duty	1"	10	50
50112	Heavy-Duty	1 1/4"	10	40
50115	Heavy-Duty	2"	1	20
51010	Replacement 50110 Blades			
51012	Replacement 50112 Blades			
51014	Replacement 50115 Blades			

Hacksaw & Replacement Blades



- ▶ Saws conduit, wire, PVC pipe, etc.
- ▶ Made of cast aluminum with an extra thick tubular steel bar for added strength
- ▶ Lightweight & balanced for greater control
- ▶ Fully adjustable tension holds blade at up to 28,000 psi which prevents twisting & binding of the blade & provides longer blade life & fast accurate cuts
- ▶ Four permanent mounting pins allow both straight cutting & 45° angle for flush cutting
- ▶ Hacksaw includes 12", 24 teeth per inch blade

Cat. No.	Description	Box Qty
54628	12" High tension Hacksaw	6
13012	Replacement 12" Hacksaw Blade - 18 Teeth	10
13014	Replacement 12" Hacksaw Blade - 24 Teeth	10
13016	Replacement 12" Hacksaw Blade - 32 Teeth	10

6" Drywall Saw



- ▶ Beveled point allows users to score & make plunge cuts, eliminating drilling before drywall startup
- ▶ Cuts through gypsum, plastic board & wallboard easily & removes debris
- ▶ Ergonomic style handle with non-slip cushion grip creates a sure & comfortable feel
- ▶ 6" aggressive saw teeth
- ▶ Super-Point for easy penetration

Cat No.	Description	Box Qty
54626	6" Drywall Saw	10

Hole Punch Kit - Manual Ratcheting Tool



- ▶ Hole Punch Kit - 1/2" Manual Drive Ratchet Tool & Punch/Die Sets
- ▶ Kit Contains 1/2" Thru 2" Punch/Die Sets, Draw Bolts & 1/2" Ratchet Drive Tool
- ▶ 40 CR Carbon Steel Punch & Die
- ▶ Split Slug Design for easy removal of slug from Die

Kit Contents

Description	Hole Size (Actual)	Shank Length	Overall Length	Qty
Ratchet Wrench -1/2" Drive		4"	8 1/4"	1
1/2" Conduit Size Punch & Die	7/8"	-	-	1
3/4" Conduit Size Punch & Die	1-1/8"	-	-	1
1" Conduit Size Punch & Die	1-3/8"	-	-	1
1 1/4" Conduit Size Punch & Die	1-3/4"	-	-	1
1 1/2" Conduit Size Punch & Die	2"	-	-	1
2" Conduit Size Punch & Die	2-3/8"	-	-	1
3/8" X 1-5/8" Draw Stud with Bearing	-	-	-	1
3/4" X 2-1/8" Draw Stud with Bearing	-	-	-	1
Plastic Box	-	-	-	1

Kit Ordering Information

Cat. No.	Description	Box Qty	Case Qty
50424	Manual Hole Punch Kit 1/2" Thru 2"	1	5

Hole Punch Kit - Hydraulic



- ▶ Hole Punch Kit - 6.6 Ton Hydraulic Tool & Punch/Die Sets
- ▶ Kit Contains 1/2" Thru 2" Punch/Die Sets, Draw Bolts, Spacer & Hydraulic Tool
- ▶ 40CR Carbon Steel Punch & Die
- ▶ Split Slug Design for easy removal of slug from Die

Kit Contents

Description	Hole Size (Actual)	Stroke	Overall Length	Case Qty
Hydraulic Tool	-	.866"	12.5"	1
1/2" Conduit Size Punch & Die	7/8"	-	-	1
3/4" Conduit Size Punch & Die	1-1/8"	-	-	1
1" Conduit Size Punch & Die	1-3/8"	-	-	1
1 1/4" Conduit Size Punch & Die	1-3/4"	-	-	1
1 1/2" Conduit Size Punch & Die	2"	-	-	1
2" Conduit Size Punch & Die	2-3/8"	-	-	1
3/8" X 1-5/8" Draw Stud with Bearing	-	-	-	1
3/4" X 2-1/8" Draw Stud with Bearing	-	-	-	1
Spacer	-	-	-	1
Replacement Sealing Ring Set	-	-	-	1
Plastic Carry Case	-	-	-	1

Kit Ordering Information

Cat. No.	Description	Box Qty	Case Qty
50402	Hydraulic Hole Punch Kit 1/2" Thru 2"	1	2
50403	Tool Only	1	2
50401	Replacement Sealing Ring Set	1	5

Hole Punch Kit - Hydraulic - Right Angle



- ▶ Hole Punch Kit - 6.6 Ton Hydraulic Tool & Punch/Die Sets
- ▶ Right Angle Head Orientation for Easy Access to Cramped Spaces
- ▶ Kit Contains 1/2" Thru 2" Punch/Die Sets, Draw Bolts, Spacer & Hydraulic Tool
- ▶ 40CR Carbon Steel Punch & Die
- ▶ Split Slug Design for easy removal of slug from Die

Kit Contents

Description	Hole Size (Actual)	Stroke	Overall Length	Qty
Hydraulic Tool	-	.866"	12.5"	1
1/2" Conduit Size Punch & Die	7/8"	-	-	1
3/4" Conduit Size Punch & Die	1-1/8"	-	-	1
1" Conduit Size Punch & Die	1-3/8"	-	-	1
1 1/4" Conduit Size Punch & Die	1-3/4"	-	-	1
1 1/2" Conduit Size Punch & Die	2"	-	-	1
2" Conduit Size Punch & Die	2-3/8"	-	-	1
3/8" X 1-5/8" Draw Stud with Bearing	-	-	-	1
3/4" X 2-1/8" Draw Stud with Bearing	-	-	-	1
Spacer	-	-	-	1
Replacement Sealing Ring Set	-	-	-	1
Plastic Carry Case	-	-	-	1

Kit Ordering Information

Cat. No.	Description	Box Qty	Case Qty
50404	Right Angle Hydraulic Hole Punch Kit 1/2" Thru 2"	1	2
50405	Tool Only	1	2
50406	Replacement Sealing Ring Set	1	5

Hole Punch Kit - Hydraulic - Remote Pump/Hose



- ▶ Hole Punch Kit - 10 Ton Hydraulic Tool & Punch/Die Sets
- ▶ Right Angle Head Orientation for Easy Access to Cramped Spaces
- ▶ Kit Contains 1/2" Thru 2" Punch/Die Sets, Draw Bolts, Spacer & Hydraulic Tool/Hose & Head
- ▶ 40CR Carbon Steel Punch & Die
- ▶ Split Slug Design for easy removal of slug from Die

Kit Contents

Description	Hole Size (Actual)	Stroke	Overall Length	Qty
Hydraulic Tool	-	1"	12.5"	1
1/2" Conduit Size Punch & Die	7/8"	-	-	1
3/4" Conduit Size Punch & Die	1-1/8"	-	-	1
1" Conduit Size Punch & Die	1-3/8"	-	-	1
1 1/4" Conduit Size Punch & Die	1-3/4"	-	-	1
1 1/2" Conduit Size Punch & Die	2"	-	-	1
2" Conduit Size Punch & Die	2-3/8"	-	-	1
3/8" X 1-5/8" Draw Stud with Bearing	-	-	-	1
3/4" X 2-1/8" Draw Stud with Bearing	-	-	-	1
Spacer	-	-	-	1
Replacement Sealing Ring Set	-	-	-	1
Steel Box	-	-	-	1

Kit Ordering Information

Cat. No.	Description	Box Qty	Case
50412	Hydraulic Hole Punch Kit Remote Head 1/2" Thru 2"	1	2
50413	Tool Only	1	2
50414	Replacement Sealing Ring Set	1	5

Hole Punch Set - Split Slug 1/2" - 1-1/4"



- ▶ Hole Punch /Die Set
- ▶ 40CR Carbon Steel
- ▶ Set Contains 1/2" Thru 1-1/4" Punch/Die Sets & Draw Bolts
- ▶ Split Slug Design for easy removal of slug from Die

Punch/Die Set Contents

Description	Hole Size (Actual)	Qty	Case Qty
1/2" Conduit Size Punch & Die	7/8"	1	-
3/4" Conduit Size Punch & Die	1-1/8"	1	-
1" Conduit Size Punch & Die	1-3/8"	1	-
1-1/4" Conduit Size Punch & Die	1-3/4"	1	-
3/8" X 1-5/8" Draw Stud with Bearing	-	1	-
3/4" X 2-1/8" Draw Stud with Bearing	-	1	-

Hole Punch Set Ordering Information

Cat. No.	Description	Box Qty	Case Qty
50422	1/2" Thru 1-1/4" Punch/Die Set	1	5

Hole Punch Set - Split Slug 1-1/2" - 2"



- ▶ Hole Punch /Die Set
- ▶ 40CR Carbon Steel
- ▶ Set Contains 1-1/2" Thru 2" Punch/Die Sets & Draw Bolt
- ▶ Split Slug Design for easy removal of slug from Die

Punch/Die Set Contents

Description	Hole Size (Actual)	Qty	Case Qty
1-1/2" Conduit Size Punch & Die	2"	1	-
2" Conduit Size Punch & Die	2-1/2"	1	-
3/4" X 2-1/8" Draw Stud with Bearing	-	1	-

Hole Punch Set Ordering Information

Cat. No.	Description	Box Qty	Case Qty
50423	1-1/2" Thru 2" Punch/Die Set	1	5

Hole Punch Set 2-1/2" - 4"



- ▶ Hole Punch /Die Set
- ▶ 40CR Carbon Steel
- ▶ Set Contains 2-1/2" Thru 4" Punch/Die Sets & Draw Bolts

Punch/Die Set Contents

Description	Hole Size (Actual)	Qty
2-1/2" Conduit Size Punch & Die	2-7/8"	1
3" Conduit Size Punch & Die	3-1/2"	1
3-1/2" Conduit Size Punch & Die	4"	1
4" Conduit Size Punch & Die	4-1/2"	1
3/4" X 3/4" X 5" Draw Stud with Bearing	-	1
1" X 5/16" X 4" Draw Stud with Bearing	-	1

Hole Punch Set Ordering Information

Cat. No.	Description	Qty
50425	2-1/2" Thru 4" Punch/Die Set	1

Hole Punches Dies & Draw Bolts



- ▶ Material: 40CR Carbon Steel
- ▶ Capacity: Mild steel up through 3/16" (10 gauge)
- ▶ Application: Punch mild steel, aluminum, fiberglass & plastic
- ▶ Operation: Battery, hydraulic, ratchet or manual drivers
- ▶ 1/2" Thru 2" Punch/Dies Have Split Slug Design for easy removal of slug from tool

Cat. No.	Size	Type	Hole Size (Inch)	Capacity	Capacity	Use with Draw Bolt Part #	Box Qty
				GA	Inch		
Punches							
50432	1/2" Punch	Split Slug	7/8	10	.14	50452	1
50433	3/4" Punch	Split Slug	-	10	.14	50453	1
50434	1" Punch	Split Slug	-	10	.14	50453	1
50435	1-1/4" Punch	Split Slug	1-11/16	10	.14	50453	1
50436	1-1/2" Punch	Split Slug	1-15/16	10	.14	50453	1
50437	2" Punch	Split Slug	2-3/8	10	.14	50453	1
50438	2-1/2" Punch	Standard Slug	2-7/8	10	.14	50455	1
50439	3" Punch	Standard Slug	3-1/2	10	.14	50455	1
50440	3-1/2" Punch	Standard Slug	4	10	.14	50455	1
50441	4" Punch	Standard Slug	4-1/2	10	.14	50456	1
Dies							
50442	1/2" Die	Split Slug	7/8	10	.14	50452	1
50443	3/4" Die	Split Slug	-	10	.14	50453	1
50444	1" Die	Split Slug	-	10	.14	50453	1
50445	1-1/4" Die	Split Slug	1-11/16	10	.14	50453	1
50446	1-1/2" Die	Split Slug	1-15/16	10	.14	50453	1
50447	2" Die	Split Slug	2-3/8	10	.14	50453	1
50448	2-1/2" Die	Standard Slug	2-7/8	10	.14	50455	1
50449	3" Die	Standard Slug	3-1/2	10	.14	50455	1
50450	3-1/2" Die	Standard Slug	4	10	.14	50455	1
50451	4" Die	Standard Slug	4-1/2	10	.14	50456	1
Draw Bolts with Bearing							
50452	3/8" X 1-5/8"	Use with 50432/50442 Punch/Die					1
50453	3/4" X 2-1/8"	Use with 50433 thru 50437/ 50443 thru 50447 Punch/Dies					1
50455	3/4" X 5"	Use with 50438 thru 50440/50448 thru 50450 Punch/Dies					1
50456	1 X 5/16" X 4"	Use with 50441/50451 Punch/Die					1

Stud Punch



- ▶ Punch up through 20 Gauge Mild Steel/Aluminum in one stroke
- ▶ Aluminum head provides strength with minimum weight, reducing operator fatigue
- ▶ Self-stripping design eliminates punch hang-ups
- ▶ Automatically centers holes on standard studs
- ▶ Punches 7/8" or 1-1/4" holes
- ▶ 1.77" Stroke

Cat. No.	Stroke	Round Punch Die	Box Qty	Case Qty
50400	1.77"	7/8" & 1-1/4"	1	5

Bolt Cutters



- ▶ Great for cutting bolts, steel rods, locks, etc.
- ▶ Forged Steel Blades
- ▶ Clevis Mounted Blades for Greater Strength
- ▶ Steel Handle with Large Rubber Grips for Greater Strength, Comfort, and Leverage

Cat. No.	Size	Maximum Cutting Diameter	Box Qty	Case Qty
50100	24"	3/8"	1	10

Conduit Benders



52322

- ▶ Lightweight Aluminum for easy handling
- ▶ Cast-in angle indicator on models 52324 & 52326
- ▶ Markings are raised & cast into the bender body on both sides
- ▶ Deeply serrated step helps prevent slippage when applying force
- ▶ Grooved internal hook surface helps prevent conduit from slipping
- ▶ Flat hook surface provides stable starting point
- ▶ Order Handle Separately



52324



52326



52327



52329

Cat. No.	Type	Level Included	EMT Size	Rigid Size	Inside Radius	Fits Handle	Box Qty	Case Qty
52322	Bender	No	1/2"	-	5"	52332	1	20
52324	Bender	Yes	3/4"	1/2"	6"	52332	1	15
52326	Bender	Yes	1"	3/4"	8"	52334	1	15
52327	Bender	No	1-1/4"	1"	6"	52334	1	5
52329	Hickey	No	3/4" & 1"	1/2" & 3/4"	3"	52332	1	10

Bender Handles

Cat. No.	Handle Size	Fits Bender	Box Qty	Case Qty
52332	1" Dia. x 38"	52322, 52324, 52329	1	12
52334	1-1/4" Dia. x 44" length	52326, 52327	1	12

PVC Conduit Bender



- ▶ Insert the pipe spring into the pipe and bend across your knee
- ▶ Permanently bend Schedule 40 PVC pipe up to 90° without pipe collapsing
- ▶ Eliminates the need for heat guns or heating blankets
- ▶ Use fewer PVC fittings
- ▶ NOTE: Ambient temperature should be above 60°F

Cat. No.	Size	Qty	Case Qty
52311	1/2"	1	25
52312	3/4"	1	25
52313	1"	1	25
52314	1-1/4"	-	1
52315	1-1/2"	-	1
52316	2"	-	1
52317	2-1/2"	-	1

PVC Conduit Heating Blankets



- ▶ Makes Bends & Offsets in PVC Conduit fast & easy
- ▶ Easy to use: wrap blanket around PVC, secure with hook & loop strap. Built-in stiffeners keep blanket tight on the PVC surface. Remove blanket and form bend by hand.
- ▶ Good for all schedules
- ▶ Controlled, even heating for uniform bending
- ▶ Temperature Thermostat controlled to 194°F (149°C)
- ▶ 120VAC, 6' Cord & Plug

Cat. No.	Capacity	Size	Wattage	Qty
52300	1/2" to 1-1/2"	12" x 6.250"	180	1
52301	2" - 4"	20" X 15"	950	1

Controlled Cycle Insulated Terminal Crimp Tool (#26-#16)



- ▶ Insulated Terminals Only
- ▶ Controlled Cycle
- ▶ 26-16 Awg
- ▶ Ergonomic Cushion Grip Handle Design

Cat. No.	Length	Box Qty
54475	8"	20

Controlled Cycle Insulated Terminal Crimp Tool (#22-#10)



- ▶ Insulated Terminals - Ring, Fork/Spade, Butt Splice, Parallel Splice, Blade Type Terminals
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 22-10 Awg Terminal Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54473	10"	20

Controlled Cycle Non-Insulated Terminal Crimp Tool



- ▶ Non-Insulated Terminals - Ring, Fork/Spade, Butt, Parallel Splice
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 22-8 Awg Terminal Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54476	10"	20

Controlled Cycle Insulated Disconnect Crimp Tool



- ▶ Insulated Terminals - Male & Female Disconnects
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 22-10 Awg Terminal Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54474	10"	20

Controlled Cycle Insulated Flag Disconnect Crimp Tool



- ▶ Nylon 90° Fully-Insulated Flag Female Disconnects
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 22-14 Awg Terminal Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54478	10"	20

Controlled Cycle Heat Shrink Terminal Crimp Tool



- ▶ Heat Shrink Terminals
- ▶ Insulated Crimp Sleeves
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 22-10 Awg Terminal Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54479	10"	20

Controlled Cycle Crimp Sleeve Crimp Tool



- ▶ Copper & Steel Crimp Sleeves (Non-Insulated)
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 18-10 Awg Crimp Sleeve Range

Cat. No.	Length	Box Qty
54471	10"	20

Controlled Cycle Ferrule Crimp Tool



- ▶ Insulated & Non-Insulated Ferrules
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 24-10 Awg Range

Cat. No.	Length	Box Qty
54480	10"	20

Controlled Cycle Large Gauge Ferrule Crimp Tool



- ▶ Insulated & Non-Insulated Ferrules
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 10-6 Awg Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54481	10"	20

Controlled Cycle Large Gauge Ferrule Crimp Tool



- ▶ Insulated & Non-Insulated Ferrules
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handles
- ▶ 300MCM-4 Awg Range
- ▶ Safety Release Mechanism

Cat. No.	Length	Box Qty
54477	10"	20

Non-Insulated Terminal Crimp Tool (#16-#6)



- ▶ Non-Insulated Terminals Only
- ▶ 16-6 Awg
- ▶ Controlled Cycle
- ▶ Ergonomic Cushion Grip Handle Design

Cat. No.	Length	Box Qty
54450	11"	6

Non-Insulated (#6-1/0) & Insulated (#8-#2) Terminal Crimp Tool



- ▶ Insulated or Non-Insulated Terminals
- ▶ Non-Insulated Terminal 6-1/0 Awg
- ▶ Insulated Terminals: 8-2 Awg
- ▶ Rubber Coated Handles

Cat. No.	Length	Box Qty
54451	16"	10

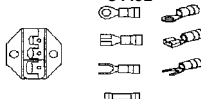
Smart Vise Controlled Cycle Crimp Tools



54499

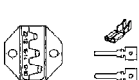
- ▶ Ergonomic Controlled Cycle Crimp
- ▶ Reduces Crimp Force up to 30% Less
- ▶ Ergonomically Designed TPR Handle
- ▶ Less fatigue with HRC 48°-52° Long Arm for one or two hand operation
- ▶ Adjustable Crimping Pressure
- ▶ Crimp Release Knob & Handle Lock
- ▶ Interchangeable Crimping Modules
- ▶ Length: 9-3/4"
- ▶ Weight: 19oz.

Die set No. 54491



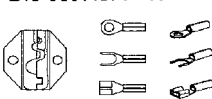
Suitable for insulated terminals/color code nests.
22-10 AWG (0.5mm-6mm)

Die set No. 54492



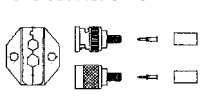
Suitable for non-insulated open barrel connector, commercial type.
22-10 AWG (0.5mm-6mm)

Die set No. 54493



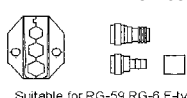
Suitable for non-insulated terminals
22-8 AWG (0.5mm-10mm)

Die set No. 54494



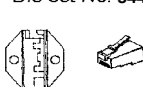
Suitable for RG-58, RG-59/62, BNC/TNC coaxial connectors Hex. 0.255 (6.48mm), 0.213 (5.41mm), 0.068 (1.73mm)

Die set No. 54495



Suitable for RG-59, RG-6 F-type CATV connectors Hex. 0.35 (8.89mm) 0.32 (8.13mm) 0.255 (6.48mm)

Die set No. 54496



Suitable for RJ-45, 8 position keyed or non-keyed modular plugs (excluding AMP)

Die set No. 54497



Suitable for cord end terminals
22-10 AWG (0.5mm-6mm)

Cat. No.	Description	Box Qty	Case Qty
54482	RG59/RG6 Coax Crimper with Dies	6	36
54484	Insulated Terminal Crimper with Dies	6	36
54491	Insulated Terminal Die Only	1	—
54492	Non-Insulated Open Barrel Connector Die Only	1	—
54493	Non-insulated Terminal Die Only	1	—
54494	RG-58, RG-58/62 Die Only	1	—
54495	RG-59, RG-6 Die Only	1	—
54496	RJ-45 Die Only	1	—
54497	Cord End Terminal Die Only	1	—
54499	Crimper with 6 Dies in Case (54491-54496)	1	20

Automatic Wire Stripper & Crimper



- ▶ Auto-adjusting stripper and terminal crimper
- ▶ One-step stripping action reduces stripping time for increased productivity
- ▶ Spring action mechanical advantage increases stripping leverage and reduces operator fatigue
- ▶ Advanced sintered material blades and sturdy die-cast frame provide long, trouble-free life
- ▶ Cuts 10-24 AWG
- ▶ Strips 8-30 AWG
- ▶ Length gauge facility ensures uniform stripped ends
- ▶ Crimps insulated/non-insulated/open barrel terminals
- ▶ Cuts 30-10 AWG copper wire

Cat. No.	Length	Box Qty	Case Qty
54442	8"	10	60

Economy Wire Cutter/Stripper/Crimper



- ▶ Strips and cuts 10-22 AWG wire
- ▶ Cuts & rethreads 4-40, 6-32, 8-32, 10-24, & 10-32 bolts
- ▶ Accurate crimping of bare & insulated terminals & crimp sleeves
- ▶ Cushioned grips for comfort
- ▶ Color-coded dies correspond to color of terminal insulation to assure proper die selection

Cat. No.	Length	Box Qty	Case Qty
50160	8"	20	120

Romex Cable Stripper/Cutter



- ▶ 12/2 & 14/2 stripping slots quickly remove outer jacket of Type NM-B non-metallic sheathed cable
- ▶ Precision ground stripping holes easily remove insulation on 12 & 14 AWG lead wires
- ▶ Bolt cutter 6-32, 8-32, 10-32
- ▶ Copper wire cutter has precision shear-type blade
- ▶ Strong gripping serrated nose for easy bending and pulling of wires
- ▶ Narrow nose fits into tight places
- ▶ Holes in jaw for quick wire looping and bending
- ▶ Spring-loaded for self-opening action
- ▶ Opening stop prevents spring from disengaging
- ▶ Stainless steel body for maximum corrosion resistance
- ▶ Laser etched markings for high visibility
- ▶ Ergonomic, cushioned handles for ultimate comfort & control

Cat. No.	Length	Box Qty	Case Qty
54432	7-1/4"	10	60

Cable Stripper/Cutter/Bolt Cutter



54426



54428

- ▶ 10-20 AWG precision ground stripping holes easily remove insulation
- ▶ Copper wire cutter has precision shear-type blade
- ▶ Bolt cutters 6-32, 8-32, (10-32 - only 54428)
- ▶ Strong gripping serrated nose for easy bending and pulling of wires
- ▶ Narrow nose fits into tight places
- ▶ Holes in jaw for quick wire looping and bending
- ▶ Spring-loaded for self-opening action
- ▶ Opening stop prevents spring from disengaging
- ▶ Stainless steel body for maximum corrosion resistance (54428)
- ▶ Chrome tin plated body for maximum corrosion resistance (54426)
- ▶ Lock tab protects cutting edge during storage (54426)
- ▶ Laser etched markings for high visibility
- ▶ Ergonomic, cushioned handles for ultimate comfort & control

Cat. No.	Length	Handle	Box Qty	Case Qty
54426	7 3/8"	Curved	10	60
54428	6 3/4"	Straight	10	60

5 in 1 Cable Stripper/Cutter



- ▶ 10-20 AWG precision ground stripping holes easily remove insulation
- ▶ 10-22 AWG insulated & non-insulated terminal crimper
- ▶ #310, 311, 410, 411 and coax crimper
- ▶ Copper wire cutter has precision shear-type blade
- ▶ Bolt cutters 5-40, 10-24, 4-40, 6-32, 8-32, 10-32
- ▶ Strong gripping serrated nose for easy bending and pulling of wires
- ▶ Narrow nose fits into tight places
- ▶ Holes in jaw for quick wire looping and bending
- ▶ Stainless steel body for maximum corrosion resistance
- ▶ Laser etched markings for high visibility
- ▶ Ergonomic, cushioned handles for ultimate comfort & control

Cat. No.	Length	Box Qty	Case Qty
54430	8-1/4"	10	60

Adjustable Stripper - Spring & Lock



- ▶ Hardened Carbon Steel with oxide finish
- ▶ Pivot Joint has Hardened Steel Bushing
- ▶ Soft Rubber Anti-slip Cushioned Grip
- ▶ Precision Ground Blades for consistent stripping and cutting
- ▶ Adjustable setting allows ease of use - 8 settings
- ▶ 10-24 Awg Wire Size

Cat. No.	Length	Box Qty
50130	5"	20

Wire Cutter



- ▶ Rust Resistant
- ▶ Hardened Carbon Steel Cutter with oxide finish
- ▶ Return Spring
- ▶ Pivot Joint has Hardened Steel Bushing
- ▶ Soft Anti-slip Cushioned Grip
- ▶ Precision CNC Ground Fabricated Blades

Cat. No.	Length	Box Qty	Case Qty
54414	6.5"	10	100

Wire Stripper & Cutter



- ▶ Precision ground blades ensure consistent stripping & cutting
- ▶ Heat-treated for long life
- ▶ Cushioned-grip handle for comfortable use
- ▶ Serrated nose grip head reduces slippage
- ▶ Stamped from hardened carbon steel
- ▶ Pivot joints have hardened steel bushings
- ▶ Rust-resistant black oxide finish
- ▶ Hole in jaws for looping wires
- ▶ Opening stop prevents spring from disengaging
- ▶ Lock tab protects cutting edge during storage
- ▶ Easy-to-read graphics
- ▶ Strips 10-20 AWG wire size
- ▶ Cuts 30-10 AWG copper wire

Cat. No.	Length	Box Qty	Case Qty
54422	6.5"	10	60

5 In 1 Stripper/Crimper/Cutter



- ▶ Extra-Narrow Nose for getting into tight places
- ▶ Machined Stripping Stations with a Positive Stop provide precise stripping diameters
- ▶ Wire Looping Holes in Jaw
- ▶ Strips 10-22 Awg
- ▶ Bolt Cutter 5-40, 10-24, 4-40, 10-32, 8-32, 6-32
- ▶ Insulated & Non-insulated Terminals 10-22 Awg
- ▶ Ignition Terminals
- ▶ Smooth, Rounded Pivot Bolt won't catch in tool pouch
- ▶ Comfortable, Cushioned Grips
- ▶ Cuts 30-10 AWG copper wire

Cat. No.	Length	Box Qty	Case Qty
54424	8"	10	60

Round Coaxial Cable & Wire Cutter



- ▶ Round cable and wire cutter cuts coaxial cable up to RG-9U
- ▶ Cuts multi-conductor cable up to 0.5"
- ▶ Cuts solid or standard wire up to #8 AWG
- ▶ Built-in return spring
- ▶ Locking latch
- ▶ Soft handles for a comfortable grip
- ▶ Frame made from stamped, hardened steel with curved cutting blades
- ▶ Cuts 30-10 AWG copper wire

Cat. No.	Length	Box Qty	Case Qty
54434	7"	10	50

100 Pair Telephone/Coax Cable Cutter



- ▶ Cuts round communication cable - 2/0 cable, 100 pair group telephone cable and RG-174/RG-9 coax cable
- ▶ Maintains cable geometry for better cable performance
- ▶ Cutting power of tool 2X its size
- ▶ Precision ground cutting blades
- ▶ Rust resistant black oxide finish
- ▶ Frame is stamped from high carbon steel & heat treated for long life
- ▶ Built-in return spring
- ▶ Plastic molded handles
- ▶ Safety lock to keep the tool blades closed and pouch ready

Cat. No.	Length	Box Qty	Case Qty
54436	8.5"	10	50

Coax Cable Center Conductor Cutter



- ▶ Precisely trims the center conductor of coaxial cable to a standard length of 3/16" for proper insertion into a dual crimp coax connector
- ▶ Stamped from high carbon tool steel
- ▶ Heat-treated for long life
- ▶ Cushioned handle grip

Cat. No.	Length	Box Qty	Case Qty
54438	5"	10	100

Phone & Data Cut/Crimp/Strip Tools



- ▶ Cuts, strips, crimps
- ▶ Precision casting jaw
- ▶ Rust resistant high carbon steel frame handle lock
- ▶ Safety cover
- ▶ TPR handle for comfort
- ▶ Ergonomically designed handle

Cat No.	Description	Box Qty	Case Qty
54462	RJ-11/6P4C, RJ-12/6P2C, 6P2C	10	60
54464	RJ-45/8P8C	10	60

Coax 'F' Connector Crimp Tool



- Terminates 'F' connectors for RG6, RG59, RG62, & Belden 8281 cable

Cat. No.	Length	Box Qty	Case Qty
54448	7-1/2"	10	40

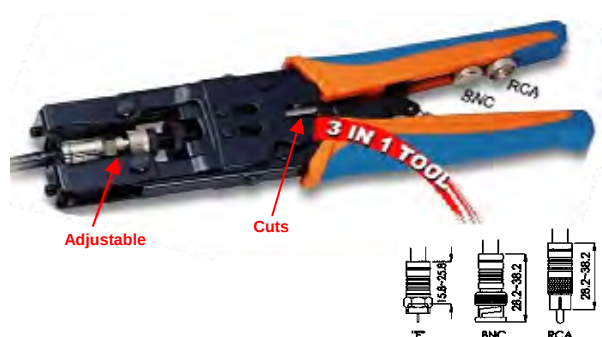
Telecomm IDC Splice Crimp Tool



- Terminates Telecomm IDC Splices
- AWG19-26(UR)
- AWG22-26(UY)
- AWG19-26(UB)

Cat. No.	Length	Box Qty	Case Qty
54443	6"	25	100

Controlled Cycle Ratcheting Coax Crimp Tool



- Ratcheting Controlled Cycle Mechanism
- RG 58/59/62/6 (3c/4c/5c)
- Terminates F, RCA & BNC fittings
- Built-in cable cutter
- Smooth one-cycle Adjustable full ratchet mechanism
- Emergency Ratchet release lever
- Rugged carbon hardened steel construction
- Comfortable grip handles for reduced hand fatigue

Cat. No.	Length	Box Qty	Case Qty
54444	9"	10	30

Controlled Cycle Ratcheting Universal Coax Crimp Tool



- Universal for all COAX Compression Connectors including RG6, RG7, RG59 & RG11
- Compressed Distance of .827"(21mm) & 1.41"(35.7mm)

Cat. No.	Length	Box Qty	Case Qty
54445	9"	1	10

CAT5/CAT6 UTP/STP Stripping Tool



- Ratchet crimp tool for RJ-22 (4 positions), RJ-11 (6 positions) and RJ-45 (8 position) modular plugs
- Multi-functional telephone tool crimps, cuts and strips for easy on-the-job tool application
- Steel frame is made of top quality carbon steel & heat-treated by HRC45° for dependable long life

Cat. No.	Description	Box Qty	Case Qty
54472	Ratchet Crimp RJ11, RJ45, & RJ22	5	20

Coax Cable Strippers



54504



54512



54519

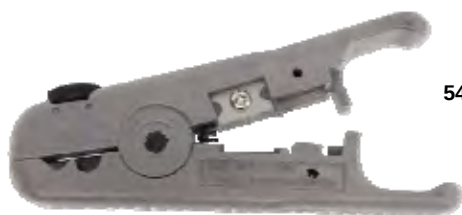
- ▶ 54505 & 54512 For RG58, RG59, RG62, RG6
- ▶ 54517 For RG7 & RG11 Cable
- ▶ One Pocket-Sized Stripper Body Enables the Technician to Get Fast, Quality Multi-Level Strips in One Operation
- ▶ Just Insert the Cable, Lock the Blade Cartridge in Place, Twist & Pull

Cat. No.	Cable Type	Box Qty	Case Qty
54504	RG58, RG59, RG62, RG6	20	120
54512	RG58, RG59, RG62, RG6	20	200
54519	RG7, RG11	18	144

CAT3/CAT5e/CAT6 (UTP/STP) Cutting & Stripping Tools



54508



54518

- ▶ For round Cat3, Cat5e, Cat6 (UTP & STP), flat cable & other multi-conductor computer cables
- ▶ Computer cable, speaker cable, intercom cable, SPT-1, SPT-2, phone wire & alarm wire
- ▶ Irregular Out: shape insulation can be put into the front "V" and "U" guide
- ▶ Rotate the tool 1-3 times by index finger for stripping the outer insulations easily
- ▶ Adjustable knob for fitting different cable sizes

Cat. No.	Multi-Conductor OD Range	Box Qty
54508	.102"-.315"	20
54518	.138"-.354"	10

CAT3/CAT5e/CAT6 UTP/STP Stripping Tool



- ▶ Quickly & easily strips UTP/STP & Telecom Wire without scoring the individual conductor
- ▶ Compact design for easy handling
- ▶ Tension release lever for easy positioning & release of cable
- ▶ For stripping Wire Diameter Φ .197"-.244" (5-6.2mm)
- ▶ Made of poly-resin

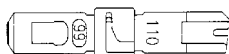
Cat. No.	Multi-Conductor OD Range	Box Qty
54514	.197-.244"	50

CAT5/CAT6 Punch Down Tool



66 Blade

66/110 Blade



110 Blade



- ▶ For seating wire into terminated blocks & cutting off wire end after termination
- ▶ Spring loaded for fast & low-effort wire seating termination
- ▶ Effortless impact absorbing punch down tool
- ▶ Grip reduces operator stress for high volume installers
- ▶ Adjustable high/low action setting
- ▶ Spare blade storage compartment with unique locking device

Cat. No.	Description	Box Qty	Case Qty
54562	Punch Down Tool with 110 blade	20	80
54564	66 Blade	1	100
54565	110 Blade	1	100
54566	66/110 Blade	1	100

Cable Tie Tools



50230



50250



50240

- ▶ Ergonomic 'Pistol' Style Grip minimizes Fatigue & Gives User Comfortable Feel
- ▶ Tension Adjustment Allows the User to Adapt the Tool to the Size of the Tie
- ▶ Flush, Clean Automatic Cut-Off Eliminates Sharp Edges
- ▶ Blister Packed
- ▶ 50230 & 50250 are used for 18lb, 40lb & 50lb ties
- ▶ 50240 for use on 120lb, 175lb & 250lb ties

Cat. No.	Maximum Tie Width	Gun Casing	Box Qty	Case Qty
50230	.189 Inches	Molded Nylon	10	60
50240	.370 Inches	All Metal	5	40
50250	.189 Inches	All Metal	7	42

Cable Tie Tools - Stainless Steel Ties



- ▶ Semi-Auto module enables tightening & cutting stainless steel ties
- ▶ After the stainless steel tie has been tightened user pushes down the round steel bar at side & can easily cut the tie

Cat. No.	Maximum Tie Width	Gun Casing	Box Qty	Case Qty
50260	.370	All Metal	1	20

Claw Hammer with Fiberglass Handle



- ▶ Polished, forged Tempered Steel Head
- ▶ High-Strength fiberglass shaft absorbs shock & keeps head tight
- ▶ Durable plastic-alloy jacketing helps to protect neck from fraying or splintering if incorrectly struck or overstruck
- ▶ Comfortable TPR grip bonded to handle

Cat. No.	Description	Box Qty	Case Qty
54072	20oz Claw Hammer	6	36

Aviation Tin Snips



- ▶ Non-slip Serrated Edges & non-slip textured grain cushion grip
- ▶ Cuts up to .047" cold rolled steel or 0.028" stainless steel
- ▶ Makes long fast cuts in paper, plastic, sheet metal, aluminum, vinyl siding, screening & much more
- ▶ Induction Hardened Forged Chrome-Molybdenum Alloy Steel Blades for greater strength and longer durability
- ▶ Hang-up hole provided for convenient storage
- ▶ New quick and simple spring-free automatic latch design (one hand release) provides safety
- ▶ Special hardened and tempered process refines the steel's grain size - Strong enough to cut KEVLAR®

Cat. No.	Description	Box Qty	Case Qty
54352	Aviation Tin Snip Left Cut	6	36
54353	Aviation Tin Snip Right Cut	6	36
54354	Aviation Tin Snip Straight Cut	6	36

Cushion Grip Screwdrivers

- ▶ Made of highest quality Tempered Steel, Magnetic Tip
- ▶ Heat Treated for Maximum Strength
- ▶ Premium chrome plated for smooth feel & corrosion resistance
- ▶ Shafts have Integral Flanges that provide an Extra-Strong, Torque-Proof Anchor in the handle
- ▶ Strong, Durable Black Tips are Forged & Precision Ground to fit screw openings securely
- ▶ Cushion Grip Handle allows for greater Torque & Comfort
- ▶ Handle has Color-Coded Butt
- ▶ Oil, gas & water resistant
- ▶ Meets or exceeds ANSI specifications

Slotted Screwdriver



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Box Qty
54102	1/4"	1-1/2"	3 5/8"	12
54104	7/32"	3"	6 3/4"	12
54106	1/4"	4"	8 1/4"	12
54108	1/4"	6"	10 1/4"	12
54110	3/8"	8"	12 3/4"	6

Cabinet Tip Screwdriver



Cat. No.	Shank Tip Width	Shank Length	Overall Length	Box Qty
54112	1/8"	3"	5 3/4"	12
54114	1/8"	4"	6 3/4"	12
54116	1/8"	6"	8 5/8"	12

Phillips Head Screwdriver



Cat. No.	Point Size	Shank Length	Overall Length	Box Qty
54122	No. 2	1-1/2"	3 1/2"	12
54124	No. 1	3"	6 3/4"	12
54126	No. 2	4"	8 1/4"	12
54128	No.3	6"	10 3/4"	6

6 Pc Screwdriver Set



- 3/16" X 3" 3/16"X 6"
- 1/4" X 4" 5/16"X 6"
- #1 X 3" #2 X 4"

Cat. No.	Box Qty
54216	6 Sets

Square Tip Screwdriver



Cat. No.	Point Size	Color Code	Shank Length	Overall Length	Box Qty
54132	No. 0	Yellow	4"	8 1/4"	12
54134	No. 1	Green	4"	8 1/4"	12
54136	No. 2	Red	4"	8 1/4"	12
54138	No.3	Black	4"	8 1/4"	12

Nut Driver



Cat. No.	Hex Size	Color Code	Shank Length	Overall Length	Box Qty
54142	3/16"	Black	3"	7 1/4"	6
54144	1/4"	Red	3"	7 1/4"	6
54146	5/16"	Yellow	3"	7 1/4"	6
54148	11/32"	Green	3"	7 1/4"	6
54150	3/8"	Blue	3"	7 1/4"	6
54152	7/16"	Brown	3"	7 1/4"	6
54154	1/2"	Red	3"	7 1/4"	6

7 Pc Nutdriver Set



- 3/16" x 3" 1/4" x 3"
- 5/16" x 3" 11/32" x 3"
- 3/8" x 3" 7/16" x 3"
- 1/2" x 3"

Plastic Carrying Case

Cat. No.	Box Qty
54218	6 Sets

10 Pc High Impact Screwdriver Set



- ▶ High Impact Ergonomic Screwdriver - the shaft is continuous from top to bottom & has been created using impact and cold-resistant CRM OVA steel
- ▶ Use on Any Metal, Steel, Wood, Porcelain, Minerals
- ▶ Can be used as a Punch, Chisel, Screwdriver & Pry Bar
- ▶ Can use with a wrench for more torque
- ▶ It can take 3000G impact of hammer



3/16" x 4"
1/4" x 5"
1/4" x 1/2"

5/16" x 6"
3/8" x 7"
#1 x 3"
#3 x 5"

#2 x 4"
#2 x 1/2"

Cat. No.	Box Qty
54236	12 Sets

8-In-1 Telescoping Screwdriver Bit Set



- ▶ 18" Telescoping Pick-Up Tool
- ▶ 7 Bits

3/16" #1
1/4" #2
T-15 #3
T-20

Cat. No.	Box Qty
54214	6

6 In 1 Interchangeable Screwdriver Bit Set



6 Sizes Double Ended Bits

3/16" & 1/4"
#1 & #2
5/16" & 1/4"

Cat. No.	Box Qty
54212	6

19-In-1 Ratcheting Screwdriver Bit Set



- ▶ Nut Driver Shank 5/16" x 1/4"
- ▶ Ratcheting driver with 7/16" nut

8pc 3" Double Ended Bits

- ▶ Slotted 5/16" x Phillips #3
- ▶ Slotted 1/4" x Phillips #2
- ▶ Slotted 3/16" x Phillips #1
- ▶ Star T10 x Star T15
- ▶ Star T20 x Star T25
- ▶ Square S1 x Square S2
- ▶ Hex 5/32" x Hex 1/8"
- ▶ Hex 3/16" x Hex 1/4"

3/16" & #1
1/4" & #2
5/16" & #3
T10 & T15

T20 & T25
S1 & S2
5/32" & 1/8
3/16" & 1/4

5/16" & 1/4"
7/16"

Cat. No.	Box Qty
54222	6

40-In-1 Ratcheting Bit Set



- ▶ 1-Reversible Ratcheting Driver
- ▶ 1-Mini Driver
- ▶ 1-1/4" Dr. Adapter 1-3/16" (L)
- ▶ 23 - Bits 1-3/16" (L)
- ▶ 14 - Nutdriver Bits

3/16" 1/4" 9/32"
#1 #2 #3
S-1 S-2
1/16" 5/64" 3/32" 1/8"
5/32" 3/16" 7/32" 1/4"
T-10 T-15 T-20 T-25
T-27 T-30 T-40

Nutdriver Bit Metric:
6mm 7mm 8mm 9mm
10mm 11mm 12mm

Nutdriver Bit SAE:
3/16" 1/4" 5/16" 11/32"
3/8" 7/16" 1/2"

Cat. No.	Box Qty
54220	4

Ergonomic Cushion Grip Screwdrivers



- ▶ Professional Quality
- ▶ Hardened Heat Treated Tip
- ▶ Comfort Cushion Grip
- ▶ Chrome Molybdenum Vanadium Steel for extra strength
- ▶ Impact Resistant, oil & acid resistant handles
- ▶ Satin Blade Finish
- ▶ Magnetic Tip
- ▶ Plastic Hanger for pegboard hanging

Cat. No.	Size	Blade Tip	Box Qty
52112	1/4" x Stubby	Slotted Wide Tip	12
52114	5/32" x 3"	Slotted Wide Tip	12
52116	1/4" x 4"	Slotted Wide Tip	12
52118	5/16" x 6"	Slotted Wide Tip	12
52120	5/16" x 8"	Slotted Wide Tip	12
52122	5/32" x 3"	Slotted Narrow Cabinet Tip	12
52124	1/4" x 6"	Slotted Narrow Cabinet Tip	12
52126	1/4" x 8"	Slotted Narrow Cabinet Tip	12
52128	#2 x Stubby	Phillips Tip	12
52130	#1 x 3"	Phillips Tip	12
52132	#2 x 4"	Phillips Tip	12
52134	#3 x 6"	Phillips Tip	12
52142	4"	Awl Pointed Tip	12

Ergonomic Cushion Grip Screwdrivers - 7 Pc Set



#52190 7 Pack Box Includes

Qty	Cat. No.	Size	Blade Tip
1	52114	5/32" x 3"	Slotted Tip
1	52116	1/4" x 4"	Slotted Tip
1	52118	5/16" x 6"	Slotted Tip
1	52120	5/16" x 8"	Slotted Tip
1	52130	#1 x 3"	Phillips Tip
1	52132	#2 x 4"	Phillips Tip
1	52134	#3 x 6"	Phillips Tip

Cat. No.	Description	Box Qty
52190	7 Piece Set Ergonomic Screwdrivers	20

29 Pc Magnetic Bit Driver Set



Meet all your
Screwdriver
needs with
this one Set

- ▶ Professional Quality
- ▶ Impact Handle is oil/acid resistant
- ▶ Comfortable ABS & Neoprene Cushion Grip

Set Contents in Plastic Blow mold Case:

1-Magnetic Driver
1-Bit Holder
1-1" Socket Adapter
1" CrVa bits listed below:
4 - Phillips Bits (PH) 0. 1. 2. 3
4 - Pozi Bits (PZ) 0. 1. 2. 3
6 - Hex Bits (HEX) 3/32 1/8 5/32 3/10 7/32 1/4
4 - Slotted Bits (SL) 5/32 3/16 1/4 9/32
5 - Star Bits (TX) T10 15 20 25 30
3 - Square Bits (R) 0. 1. 2

Cat. No.	Box Qty
52172	24

1000 Volt Ergonomic Cushion Grip Screwdrivers



- ▶ 1000 Volt Rated
- ▶ Professional Quality
- ▶ Comfortable ABS & Neoprene Cushion Grip
- ▶ Impact Handle is oil & acid resistant
- ▶ VDE Tested to ensure 100% safety
- ▶ S2 Steel Blade for Extra Strength
- ▶ Blade has a Strong Magnetic Tip
- ▶ Includes Plastic Hanger for Pegboard Hanging
- ▶ Safety Red for Quick Identification

Cat. No.	Size	Blade Tip	Box Qty
52012	3/32 X 3"	Slotted	12
52014	5/32 X 4"	Slotted	12
52016	7/32 X 5"	Slotted	12
52018	1/4 X 6"	Slotted	12
52020	5/16 X 7"	Slotted	12
52024	#1 X 3"	Phillips	12
52026	#2 X 4"	Phillips	12
52028	#3 X 6"	Phillips	12

1000 Volt Ergonomic Cushion Grip Screwdrivers - 6 Piece Set



#52090 6 Pack Box Includes:

Qty	Cat. No.	Size	Blade
1	52012	3/32 x 3"	Slotted
1	52014	5/32 x 4"	Slotted
1	52016	7/32 x 5"	Slotted
1	52018	1/4 x 6"	Slotted
1	52024	#1 x 3"	Phillips
1	52026	#2 x 4"	Phillips

Cat No.	Description	Case Qty
52090	6 Piece Set 1000V Screwdrivers	20

1000 Volt Precision Insulated Screwdriver Set - 7 Piece Set



1.5 x 2" 1.8 x 2" 2.0 x 2"
 2.5 x 3" 3.0 x 3"

00 x 2" 0 x 2-3/8"

- ▶ 7 Piece Set includes plastic case
- ▶ High Alloy Specialty Steel Blade
- ▶ Rotating Cap for precise turning
- ▶ ABS & Neoprene Cushion Grip
- ▶ Impact Handle is oil & acid resistant
- ▶ VDE Tested to ensure 100% safety

Cat No.	Case Qty
54232	12

1000 Volt Ergonomic Cushion Grip Safety Pliers



Long Nose Pliers



Bent Long Nose



Linesman Pliers



Diagonal Cutters



Wire Strippers

- ▶ Professional Quality
- ▶ EN60900 VDE Tested to Ensure 100% Safety
- ▶ Meets OSHA IEC & ASTM standards
- ▶ Safety Ergonomic Soft Handle
- ▶ Drop Forged & Heat Treated Chrome Vanadium Steel
- ▶ Blade has a Strong Magnetic Tip
- ▶ Induction Hardened Cutting Edges

Cat. No.	Description	Length	Box Qty
54012	1000v Insulated Long Nose Pliers	6"	6
54014	1000v Insulated Long Nose Pliers	8"	6
54016	1000v Insulated Bent Long Nose Pliers	8"	6
54018	1000v Insulated Linesman Pliers	8"	6
54020	1000v Insulated Diagonal Cutters	7.5"	6
54024	1000v Insulated Wire Strippers	7"	6

Ergonomic Cushion Grip High Leverage Pliers



- ▶ Chrome Vanadium Drop Forged Induction Hardened Steel Cutting edges
- ▶ Special High Leverage Design
- ▶ Soft Material Ergonomic Handle Design
- ▶ Comfortable, Durable, Non-slip Grip
- ▶ Meets Standard Cutting & Load Test
- ▶ Serrated Jaws Provide an Excellent Grip
- ▶ Spring Loaded (except groove joint & slip joint pliers) for easier high frequency cutting
- ▶ Groove Joint Pliers have Precision Milled Ribs to assure smooth Positive Interlock Cutting

Cat. No.	Description	Length	Box Qty
54032	Long Nose Pliers	6"	6
54034	Long Nose Pliers	8"	6
54036	Linesman Pliers	8"	6
54038	Diagonal Cutting Pliers	7"	6
54040	Slip Joint Pliers	8"	6
54042	Groove Joint Pliers	10"	6

Linesmans Pliers - Side Cutter/Crimper



- ▶ High-Leverage Tool with Crimp Die and Side Cutters
- ▶ Crimping Die at the Hinge for Crimp Connectors
- ▶ Comfort Grip Handles

Cat. No.	Length	Box Qty	Case Qty
54052	9.5"	6	36

End Cutting Crimping Pliers



- ▶ Designed for Crimping Non-Insulated Terminals 10-22
- ▶ Induction Hardened Wire Cutter in Nose
- ▶ Forged High Carbon Steel
- ▶ Tapered Nose for Working in Confined Spaces
- ▶ Red Rubber-dipped Handle for Comfort

Cat. No.	Length	Box Qty	Case Qty
54054	8"	6	72

Long Nose Pliers - Cut, Crimp & Strip



- ▶ Strips 22-14 solid or stranded wire
- ▶ Crimps terminals 22-10
- ▶ Long nose design for tight locations
- ▶ Drop Forged Chrome Nickel Induction Hardened Cutters
- ▶ Comfort Grip Handles

Cat. No.	Length	Box Qty	Case Qty
54053	6-1/2"	6	72

Lock Grip Pliers



- ▶ Chrome Vanadium Steel heat treated for maximum strength and durability, Nickel plated finish
- ▶ Can be used as hand vise, pipe wrench, clamp, pliers
- ▶ 10" Curved Jaw - applies pressure on all points of any style nut or bolt
- ▶ 1-7/8" jaw capacity adjusts easily to lock at any size with desired amount of pressure
- ▶ Quick release lever opens jaws fully & removes pressure instantly
- ▶ Can also be used as non-locking pliers

Cat. No.	Description	Box Qty
54362	10" Lock Pliers	6
54363	10" Lock Pliers with cutter	6

Hex Key Sets



- ▶ Handy sets fit your pocket or tool box easily
- ▶ Keys are tough, heat-treated alloy steel
- ▶ Can be used straight out or at an angle for extra leverage
- ▶ Durable steel case doubles as a handle

Dimensions = Inches

Cat. No.	Description	Handle Length	Key Lengths	Inner Box Qty	Outer Box Qty
54312	Nine-key inch set: 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4"	4-1/4"	1-3/4" - 3-1/2"	12	72
54314	Eight-key inch set: .050", 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32"	3-1/16"	1-1/2" - 2-3/8"	6	60
54316	Five-key inch set: 3/16", 7/32", 1/4", 5/16", 3/8"	5-1/4"	3"- 4-5/8"	6	60
54318	7 Key metric: 1.5mm, 2mm, 2.5mm 3mm, 4mm, 5mm, 6mm	3-5/8"	1-5/8" - 3"	10	60
54320	7 Piece Torx (star): T10, T15, T20, T25, T27, T30, T40	4-1/4"	2-1/8" - 3"	6	72

T-Handle Hex Keys



- ▶ T-handle design delivers more torque to the fasteners
- ▶ Cushion grip handle molded onto L-shaped blade
- ▶ Ergonomic handle for maximum comfort & strong torque
- ▶ Blade is hardened, nickel plated, S2 high quality steel
- ▶ Smooth edges prevent injuries & eliminate pressure marks
- ▶ Hole for hanging

Dimensions = Inches

Cat. No.	Dimensions			Inner Box Qty	Outer Box Qty
	A	B	C		
54322	3/32	3.94	3.15	10	100
54326	1/8	3.94	3.15	10	100
54330	5/32	5.91	3.15	10	100
54332	3/16	5.91	3.94	10	100
54336	1/4	5.91	3.94	10	100
54338	5/16	7.88	3.94	10	100
54340	3/8	7.88	4.72	10	100
54342	1/2	7.88	4.72	10	60

Adjustable Wrench - Ergonomic Grip



- ▶ Chrome Vanadium drop forged Steel
- ▶ Torque 25% Greater than standard wrenches
- ▶ Inch Measuring Scale
- ▶ Ergonomic Design for Comfortable Grip
- ▶ Lightweight Design Reduces Fatigue
- ▶ Extra long & wide jaws for tight hard-to-reach areas



Wide Handle Thickness
Ergonomic and wider handle design reduces pressure on your hand and makes it comfortable and easy to use



Weight Reduce
Light weight design reduces fatigue



Measurement
Inch measuring scale



Wide Jaw Opening
Wide capacity design makes the wrench work on larger bolts & nuts



Extra Long Jaw Length
Extra long and wide jaw for tight and hard to reach areas

Dimensions = Inches

Cat. No.	Length	Jaw Opening	Box Qty	Case Qty
54062	6"	.94"	6	72
54064	8"	1.13"	6	48
54066	10"	1.30"	6	36
54068	12"	1.52"	4	24

Utility Knife - Auto Load - Quick Change - Retractable



Open the cover to feed 10 new blades into cartridge

- ▶ Curved handle design with slip-resistant grip for comfort and ease of use
- ▶ No tools required for quick blade change
- ▶ Plastic holster with belt clip for convenient use
- ▶ Safety overlap handle design for heavy-duty cutting
- ▶ Retractable blade locks in 3 positions
- ▶ Includes one heavy-duty blade and stores up to 10 blades in handle
- ▶ Fits most standard utility blades

Cat. No.	Description	Box Qty
54612	Auto-Load Utility Knife with Holster	6

Utility Knife - Auto Load - Folding Blade



Quick Change Blade



Push button up to open utility blade and down to close



Press the button to release the sport blade to

- ▶ Curved Handle design with Slip-Resistant Grip for comfort & ease of use
- ▶ 8-Blade Auto-loading feature Open the cover to feed a new blade into cartridge (Blades Included)
- ▶ Safety overlap handle design for heavy-duty cutting
- ▶ Retractable blade locks in 3 positions
- ▶ Fits most standard utility blades
- ▶ Sport Blade locks into position

Cat. No.	Description	Box Qty
54610	Auto-Load Utility Knife with Folding Sport Blade	6

Folding Lock-Back Utility Knife



Belt Clip on Back for Easy Carrying

- ▶ Lightweight Aluminum Handle
- ▶ Belt Clip on Back for Easy Carrying
- ▶ Quick Change Blade Mechanism
- ▶ One Handed Easy Opening
- ▶ Spring Blade Release
- ▶ Includes 5 Spare Blades

Cat. No.	Description	Box Qty
54606	Folding Blade - Lock Open Mechanism	10

Retractable-Blade Utility Knife



- ▶ Retractable Blade for safety & convenience
- ▶ Lightweight durable metal housing
- ▶ Retractable blade locks in 3 position
- ▶ Simple blade change
- ▶ Blade included
- ▶ Blister packed

Cat. No.	Description	Box Qty
54614	Retractable-Blade Utility Knife	12

Utility Knife Replacement Blades & Dispenser



54616



54618

- ▶ Holds 100 Blades (100 blades included)
- ▶ Heavy-duty razor-edged blades
- ▶ Universal size fits most makes of utility knives
- ▶ Blades are reversible for extra life
- ▶ Dispenser mounts vertically to dispense one blade at a time
- ▶ Measures 2-3/4" W x 1-1/8" D x 5" H

Cat. No.	Description	Inner Box Qty	Outer Box Qty
54616	Utility Knife blade - 100 Blade Dispenser	6	48
54618	Utility Knife blades - 5 Pack	12	288

Electrician's Scissors & Cable Splicer's Knife Set



- ▶ Cuts cable, telephone wire and strips insulation
- ▶ Tough, tempered steel knife blade holds edge longer & remains sharp
- ▶ Full size no-slip easy-to-grip knife handle provides greater comfort offering better control & less hand fatigue
- ▶ Knife has a short, coping-type blade made of the finest cutlery steel
- ▶ Scissors cut up to 16 gauge solid & 12 gauge stranded wire
- ▶ Scissors have an upper blade with two stripping notches to strip most insulations from 19-24 AWG

Cat. No.	Description	Box Qty	Case Qty
54372	Scissors and knife kit with two-pocket	12	72
54373	Cable Splicer's knife	12	96
54374	Electrician's Scissors	12	72

Pocket Knife - Coping Blade



- ▶ Big, Carbon-Steel Coping-Type Blade
- ▶ Wood grain Handle
- ▶ For Skinning Small Gauge Wire & Cable

Cat. No.	Blade Material	Blade Length	Closed Length	Box Qty	Case Qty
54622	Carbon Steel	3-1/4"	4-1/2"	12	120

Pocket Knife - SheepsFoot Slitting Blade



- ▶ Extra-large Curved Sheepsfoot Slitting-Blade
- ▶ Ideal for heavy-duty line work
- ▶ Wood grain handle
- ▶ Blade locks open

Cat. No.	Blade Material	Blade Length	Length Closed	Box Qty	Case Qty
54624	Carbon Steel	3"	4-1/2"	12	120

Tape Measures



- ▶ Rubber Jacket protects case from damage
- ▶ 3" yellow neon yellow case with non-slip impact absorbing comfortable rubber grip
- ▶ Magnetic tipped tape measures have true zero sliding blade tip to ensure accurate inside & outside measurements
- ▶ Easy-to-read measurements on both sides of the blade
- ▶ Durable Steel Belt Clip
- ▶ Front Slide Lock for Easy Operation
- ▶ Bold, Clear Numbers on Bright Yellow Blade
- ▶ Rigid Blade with Protective Acrylic Coating
- ▶ Inch/Foot Blade Graduations
- ▶ Triple-riveted end hook with bottom blade protector that reinforces the blade tip & provides maximum pull-out strength
- ▶ Oversized bold black numbers on the first 11 inches for easy reading

Cat. No.	Size	Box Qty	Case Qty
52200	25' x 1"	12	60
52202	25' x 1" with Magnetic tip	6	60
52206	33' x 1-1/4"	12	60
52208	33' x 1-1/4" with Magnetic tip	6	60

Tape Measures - Auto Blade Lock



- ▶ Blade automatically stays out when extended
- ▶ Push button for smooth blade retraction
- ▶ Comfortable, shock resistant rubber grip
- ▶ Double Sided Printing on Blade

Cat. No.	Description	Box Qty	Case Qty
52209	25' x 1"	12	60
52210	25' x 1" with Magnetic Tip	6	60

Torpedo Level



- ▶ 9" long & lightweight for use in tight places
- ▶ Three acrylic plastic vials - plumb, level and 45° miter
- ▶ Level vial has side & top reading
- ▶ V grooved edge
- ▶ Strong, high impact ABS body with hang hole
- ▶ Magnetized strip on bottom that holds to iron & steel

Cat. No.	Overall Length	Box Qty
52212	9"	10

Torpedo Laser Level



- ▶ Horizontal & vertical laser directions at the same time
- ▶ 90° & 180° vials allow accurate leveling
- ▶ Magnetic V groove base locks onto metal studs & pipes
- ▶ 180' Laser beam length
- ▶ Lightweight & easy to carry

Cat. No.	Overall Length	Case Qty
54682	10.7"	40

Caulk Gun



- ▶ For use with 9" Size Cartridges
- ▶ Use to apply Adhesives, Caulking Compounds & Lubricants
- ▶ Powder Painted to resist Corrosion
- ▶ Hexagon Compression Rod with Ladder Hook
- ▶ Long Trigger gives you leverage

Cat. No.	Cartridge Size	Inner Box Qty	Outer Box Qty
53266	9"	1	24

Heat Gun



- ▶ Specially designed for Heat Shrink Tubing
- ▶ Retractable Fixing Wings to Steady on Table or Ground
- ▶ Thermostat Protection
- ▶ 6 Foot Cord
- ▶ 2 Heat Settings - High: 1120°F, Low: 850°F



Cat. No.	Inner Box Qty	Outer Box Qty
54690	1	20

Tool Boxes



- ▶ Heavy-duty construction - stands up to the rigors of transporting and on-the-job wear and tear
- ▶ Lightweight, plastic-resin construction is weatherproof, won't rust, dent, or chip and is impact resistant
- ▶ Comfortable, strong carrying handle & lid is padlock ready
- ▶ Removable tray for small tools and parts
- ▶ Flip lids for small part storage

Cat. No.	Size	Qty
53412	16" x 10" x 7.2"	1
53416	22" x 12.3" x 11.8"	1

Electrical Meter/Tester/Cell Phone Holder



- Made of strong elastic fiber material
- Stretches to adjust to tester shape
- Padded inside to protect tester
- 5.5" High x 2.5" wide
- Heavy duty clip for belt or pants
- Black Color

Cat. No.	Size	Qty
53552	5.5"H x 2.5"W x 1.5"D	1

Electrical Meter/Tester Holder



- Double layer of rugged lightweight fabric
- Safety strap with hook and loop fastener
- Heavy duty metal clip on back
- Back pocket for tester/meter
- Front pocket for test leads

Cat. No.	Size	Qty
53554	4.5"H x 2.5"W x 1.5"D	1
53556	6"H x 3"W x 2"D	1

4 Pocket Multi Purpose Tool Holder



- Hang/Strap/Clip on belts, web suspenders, pants etc.
- Securely hold small tools or accessories like pliers, mini-flashlights, screwdrivers, etc.

Cat. No.	Size	Qty
53558	8"H x 5.5"W x 1.5"D	1

3 Pcs Multi-Purpose Clip-On Zipper Bags



- Includes 3 convenient sizes and colors: 9x7"(Blue), 7x6"(Hunter Green), & 6x5"(Brown)
- Carry and organize all your miscellaneous parts, tools and accessories
- Durable clip hangs on tool belts & loops, etc.

Cat. No.	Qty
53546	1

Tool Vest



- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ Many different size pockets for various parts & tools
- ▶ Adjustable waist size

Cat. No.	Dimensions		Number of Pockets	Qty
	L	H		
53540	21.7"	24.4"	9	1

Tool Belt with Pouches



- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ 32 different size pockets for various parts & tools
- ▶ Versatile - all parts removable and interchangeable
- ▶ Metal tape chain and tool snap
- ▶ Metal clip holds all measuring tape sizes
- ▶ Pocket to hold cordless drill
- ▶ 3" Wide padded belt for comfort
- ▶ Fits waist sizes 29" - 46"

Cat No.	Waist Size	Number of Pockets	Qty
53536	29" - 46"	32	1

Bucket Bag



- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ 36 Pockets/Pouches
- ▶ Designed to fit most standard 3-1/2 to 5 Gallon buckets

Cat No.	Number of Pockets	Qty
53532	36 Total - 12 inside, 24 outside	1

Square Tool Carrier - With Multi-Compartment Tray



Back side unzips to access plastic tray

- ▶ Super-tough, Durable & Water-Resistant 600-D Polyester
- ▶ Multi-Compartment Plastic Tray Slides into Bottom of Bag
- ▶ Box-shaped Design prevents tipping
- ▶ Extra Padded Carry Handle & adjustable shoulder strap
- ▶ Metal Tool Snap and Electrical Tape Strap

Cat. No.	Dimensions			Number of Pockets	QTY
	L	W	H		
53524	9"	9"	15"	36 Total - 9 inside, 27 outside	1

Rectangular Tool Carrier



- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ Box-shaped design prevents tipping
- ▶ Rubber bottom for support & water resistance
- ▶ Extra padded carry handle

Cat. No.	Dimensions			Number of Pockets	Qty
	L	W	H		
53522	19"	7"	14"	52 Total - 13 inside, 39 outside	1

Easy Search Tool Bags



- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ Rubber bottom for support & water resistance
- ▶ Wide opening convenient for storage & search of tools

Cat. No.	Dimensions			Number of Pockets	Qty
	L	W	H		
53502	12"	9"	10"	37 Total - 12 inside, 25 outside	1
53504	16"	10"	11"	38 Total - 13 inside, 25 outside	1

Large Easy Search Tool Bag



- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ Rubber bottom for support & water resistance
- ▶ Wide opening convenient for storage & search of tools
- ▶ Shoulder strap for easy carrying
- ▶ 1 drill holster, 1 Velcro pocket, 1 zipper pocket

Cat. No.	Dimensions			Number of Pockets	QTY
	L	W	H		
53506	24"	8.5"	13"	63 Total - 24 inside, 39 outside	1

Easy Search Tool Bags - With Multi-Compartment Tray



Back side unzips to access plastic tray

- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ Multi-compartment plastic tray slides into bottom of bag
- ▶ Wide opening convenient for storage & search of tools

Cat. No.	Dimensions			Number of Pockets	Qty
	L	W	H		
53512	12"	9"	10"	23 outside	1
53514	16"	10"	11"	24 outside	1

Large Easy Search Tool Bag - With Multi-Compartment Tray



Back side unzips to access plastic tray

- ▶ Super-tough, durable & water-resistant 600-D Polyester
- ▶ Multi-compartment plastic tray slide into bottom of bag
- ▶ Wide opening convenient for storage & search of tools
- ▶ Shoulder strap for easy carrying
- ▶ 1 drill holster & 2 Velcro pockets

Cat. No.	Dimensions			Number of Pockets	Qty
	L	W	H		
53516	24"	8.5"	13"	59 Total - 20 inside, 39 outside	1

Tool Trays



- ▶ Replacement trays for Workbags located on Pg S29-S30
- ▶ Can also be used without tool bag
- ▶ Good for organizing small parts & fasteners

Cat. No.	Size	Used in Tool Bag #	Qty
53452	5.9" x 7.2" x 1.8"	53524 Square Tool Carrier	1
53454	7" x 10.6" x 1.5"	53512 & 53516 Tool Bags	1
53456	14.1" x 9.1" x 1.9"	53514 Tool Bag	1

Trouble Light - Portable Hand



- ▶ 16/3 SJT Cord
- ▶ 13 Amp-125 Volt
- ▶ Off/On Push-Thru Switch
- ▶ Metal Swing Bulb Guard
- ▶ Metal Socket
- ▶ Orange Color
- ▶ 75 Watt Bulb Max (not included)
- ▶ Approved under OSHA Standards for general use
- ▶ Heat & shock resistant plastic handles
- ▶ Cord stays flexible at low temperatures
- ▶ Grounded Outlet in Handle

Cat. No.	Length	Box Qty
89512	25'	12
89514	50'	12

Clamp-On Lamps



- ▶ Off/On Push-thru Switch
- ▶ Metal Socket
- ▶ 75 Watt Bulb Max (not included)
- ▶ 10 Amp-125 Volt
- ▶ 18/2 SPT-2 Cord
- ▶ Spring clamp with Protective Vinyl sleeve
- ▶ Adjustable Ball Joint For Rotating allows light to be positioned in any direction
- ▶ Vented 8-1/2" Aluminum Finish Reflector
- ▶ 2 Conductor Polarized Plug
- ▶ 6 Foot vinyl black cord with polarized plug

Cat. No.	Length	Box Qty
89522	6'	12

Fluorescent Magnetic Angle Work Light



- ▶ With magnetic back for additional mounting method
- ▶ Easy bulb replacement
- ▶ Ergonomically designed handle for comfort

- ▶ 13 watt 10,000 hour energy-savings bulb burns as bright as a 60 watt incandescent bulb, cool to touch
- ▶ Extra 120V grounded outlet on body of lamp
- ▶ 25' 15 amp power cord (16/3), on-off rocker switch
- ▶ Shatterproof oil & water resistant housing & lens
- ▶ 360° high strength, durable swivel hook

Cat. No.	Length	Box Qty
89524	25'	8

Compact LED Rechargeable Work Light/Flashlight



**Belt Clip
for Easy
Carrying**

- ▶ 3pcs. Ni-H AA battery 3.6V/1300mAh
- ▶ 110V & 12V Charging
- ▶ Size: 7.1" x 2.6" x 1.2"
- ▶ Body Material: ABS

- ▶ Ultra Bright 15 LED's, 100,000 Hour bulb life
- ▶ Handy Belt Clip on the back for carrying on your belt
- ▶ Magnet on back for mounting as work light
- ▶ Running time 4-5 hours from single charge of 1.5-2 hours charging time
- ▶ Switch: On/Off, with a waterproof rubber cover
- ▶ Shockproof design and construction protects from breakage
- ▶ Low heat from the LED bulbs greatly reduces risk of fire or burns
- ▶ Water & Oil Resistant

Cat. No.	Description	Box Qty
54668	LED Work Light/Flashlight	36

Mini LED Flashlight



Belt Clip for Easy Carrying

- ▶ Special tactical switch: press slightly for momentary-On/Off, push for constant-On/Off

- ▶ 1 Watt CREE LED Super Bright Beam
- ▶ Approximately 50,000 hours LED life
- ▶ Efficient Collimator Optic System
- ▶ Shock-resistant Lens, Water-resistant
- ▶ Aluminum Alloy construction
- ▶ Pushbutton On/Off
- ▶ Uses 2 "AA" batteries

Cat. No.	Description	Box Qty
54650	Mini LED Flashlight	10

Rubberized Flashlight



- ▶ Perfect focused krypton bulb for 70% brighter Beam
- ▶ Push Button Switch
- ▶ Weatherproof
- ▶ Anti-Roll Feature
- ▶ Shockproof & corrosion proof
- ▶ Heavy Duty Rubber Body
- ▶ Batteries included

Cat. No.	Batteries	Box Qty
54652	2-AA	24
54654	2-D	12

LED Flashlight



- ▶ Ultra Bright Luxeon 1 Watt torch - no bulb replacement
- ▶ Focusing system casts long and narrow beam
- ▶ Single Luxeon 1 watt LED can produce 25-30 lumen
- ▶ Luxeon LED enjoy a lifetime of 50,000 hrs.
- ▶ Tough ABS construction with rubber grip
- ▶ Easy carry lanyard included
- ▶ Push button on/off switch
- ▶ Shock and water resistant
- ▶ Powered by 3-D size batteries
- ▶ Over 60 hrs run time

Cat. No.	Batteries	Box Qty
54662	3-D	6

LED Headlamp



- ▶ Tough bright Luxeon 1 watt LED headlamp
- ▶ Focusing system casts a further and narrower beam
- ▶ Single Luxeon 1 watt LED can produce 25-30 lumen
- ▶ Luxeon LED enjoys a lifetime of 50,000 hrs.
- ▶ No more bulb replacement
- ▶ Adjustable elastic headband
- ▶ Light can be tilted up and down as needed
- ▶ Shock and water resistant
- ▶ Powered by 3-AAA size batteries
- ▶ 5 hrs strong brightness during 8 hrs running time

Cat. No.	Batteries	Box Qty
54666	3-AAA	6

Alkaline Batteries



AAA



AA



C



D



9V



12V



357

Blister
Packed

Cat. No.	Type	Batteries Per Blister Card	Batteries Per Box	Batteries Per Case
52620	AAA Alkaline 1.5 Volt	4	40	960
52622	AA Alkaline 1.5 Volt	4	40	480
52624	C Alkaline 1.5 Volt	2	20	120
52626	D Alkaline 1.5 Volt	2	20	120
52628	9 Volt	1	10	120
52630	357 Button Style Used In Testers	10	—	500
52632	A23 12 Volt Used In Wireless Chime Transmitters, Meters, Cameras, etc.	1	25	200

High Performance Anti-Slip Gloves



- ▶ Anti-slip functional silicon print on palm and finger
- ▶ Stretchy fabric at back of the hand is form fitting - glove almost feels like part of your hand, gives soft protection & ventilates to keep hand cool
- ▶ High-tech synthetic suede at palm provides durability & abrasion resistance
- ▶ Velcro closure allows easier entry
- ▶ Machine washable

Cat. No.	Size	Bag Qty
With Fingers		
53162	Large	12
53163	X-Large	12
53164	2X-Large	12
No Fingers		
53171	Medium	12
53172	Large	12
53173	X-Large	12

High Performance Shock Absorption Gloves



- ▶ Shock Absorption – rubber sponge underneath the reinforcement patches helps minimize hand fatigue while still maintaining dexterity
- ▶ Dampens & protects users from the collision energy from impact tools
- ▶ Anti-slip functional silicon print on finger tips
- ▶ Stretchy fabric at back of the hand is form fitting - glove almost feels like part of your hand, gives soft protection & ventilates to keep hand cool
- ▶ High-tech synthetic suede at palm provides durability & abrasion resistance
- ▶ Velcro closure allows easier entry
- ▶ Machine washable - does not stretch, shrink, or harden

Cat. No.	Size	Bag Qty
53183	X-Large	12
53184	2X-Large	12

PVC Gloves



- ▶ High-grade red PVC coating, interlock lining, and smooth finish
- ▶ Cotton knit wrist offers comfort and fits the wrist snugly
- ▶ Excellent protection against wide range of chemicals and abrasions resistance such as petroleum, acids, oil, grease, caustics, solvents, cuts, punctures, and abrasion
- ▶ Provides excellent dexterity & grip
- ▶ Great for grimy wet jobs

Cat. No.	Bag Qty
53154	12

PVC Dotted Cotton Gloves



- ▶ General use, with rubber dotted on one side for good grip
- ▶ Dense coating offers an abrasion barrier
- ▶ It's reusable and washable
- ▶ Knit breathable cotton/poly stretches for excellent fit
- ▶ Good for circulation to keep hands dry and comfortable

Cat. No.	Bag Qty
53152	12

Brown Jersey Gloves



- ▶ Moderate Hand Protection for a Low Cost
- ▶ Cotton 8oz. Deep Brown Jersey
- ▶ Snug Fitting Knit Wrist
- ▶ Large Size
- ▶ Packed with Individual Hanging Cards

Cat. No.	Bag Qty
53110	12

Short Cuff Leather Gloves



- ▶ Cow Split Leather
- ▶ Full Leather Index Finger
- ▶ Leather Finger Tips and Knuckle Strap
- ▶ Striped Cotton Back with Elastic Wrist for Better Fit
- ▶ Half Lined
- ▶ 2 1/2" Safety Cuff
- ▶ Large Size
- ▶ Packed with Individual Hanging Cards

Cat. No.	Bag Qty
53120	12

Long Cuff Leather Gloves



- ▶ Cow Split Leather
- ▶ Full Leather Index Finger
- ▶ Leather Finger Tips and Knuckle Strap
- ▶ Striped Cotton Back with Elastic Wrist for Better Fit
- ▶ Half Lined
- ▶ 4 1/2" Rubberized Long Cuff
- ▶ Large Size
- ▶ Packed with Individual Hanging Cards

Cat. No.	Bag Qty
53130	12

Yellow Cow Split Leather Gloves



- ▶ Cow Split Leather
- ▶ All Leather
- ▶ Elastic Wrist for Better Fit
- ▶ 53150 has Fleece Lining
- ▶ Large Size
- ▶ Packed with Individual Hanging Cards

Cat. No.	Description	Bag Qty
53140	Unlined	12
53150	Fleece Lined	12

Bag Of Rags



- ▶ Premium all-purpose wipes
- ▶ New bleached white knit
- ▶ High cotton content
- ▶ Medium weight, random sizes
- ▶ Soft, absorbent, low linting
- ▶ 2 lb. bags

Cat. No.	Case Qty
53264	25 Bags

Sport Safety Glasses



- ▶ Trend-setting contemporary styling that fits the contours of your face
- ▶ Deep curve provides superior impact protection
- ▶ Lightweight polycarbonate lenses - impact resistance & UV protection
- ▶ Ideal for protection against dust and particles

Cat. No.	Frame Color	Lens Color	Box Qty
53001	Black	Smoke	12
53002	Black	Copper	12
53003	Black	Clear	12
53004	Black	Silver Mirror	12
53005	Black	Blue Mirror	12
53006	Silver	Blue Mirror	12

Safety Goggles



- ▶ General purpose impact resistant cover-type protective goggles
- ▶ Soft clear polycarbonate lens, flexible vinyl shroud
- ▶ Comfortable & Shaped to Conform to Facial Contours
- ▶ Lightweight Elastic Strap, Direct Ventilation system
- ▶ Fits over most prescription glasses
- ▶ Meets or Exceeds ANSI Z87.1 Standards

Cat. No.	Description	Box Qty
53010	Goggles	12

Safety Glasses - Fit Over Prescription Glasses



- ▶ Fits Over Prescription Glasses or can be worn alone
- ▶ Full panoramic clear frame/lens has wide vision field & max UV protection
- ▶ Anti-glare brow guard, universal bridge, & spatula temples with wide integral side shields
- ▶ High-Impact, Scratch Resistant Polycarbonate Lens
- ▶ Lightweight Polycarbonate Frame
- ▶ Meets or Exceeds ANSI Z87.1 Standards

Cat. No.	Description	Box Qty
53000	Safety Glasses (fit over glasses)	12

Standard Safety Glasses



- ▶ Full panoramic clear frame/lens has wide vision field & max UV protection
- ▶ Anti-glare brow guard, universal bridge, & spatula temples with wide integral side shields for maximum coverage
- ▶ High-Impact, Scratch Resistant Polycarbonate Lens
- ▶ Lightweight Polycarbonate Frame
- ▶ Adjustable temple that locks into place
- ▶ Meets or Exceeds ANSI Z87.1 Standards

Cat. No.	Description	Box Qty
53020	Safety Glasses With Clear Lens	12
53022	Safety Glasses With Shaded Lens	12
53024	Safety Glasses With Mirrored Lens	12

First Aid Kit - 25 Person



- ▶ Professionally designed with a complete assortment of top quality first aid items
- ▶ Perfect for on-site minor emergencies
- ▶ Handily packages in a sturdy, lightweight plastic case with handle

(3) 2X2 Sponge pad (5 PK)	(30) Various sizes adhesive strips
(2) 3X3 Gauze pad(2 PK)	(8) Alcohol prep pads
(3) 3X4 Non-stick pad	(4) Cleaning wipes
(1) Combine pad 5X9	(1) Cold pack
(1) First aid dressing(2 PK)	(1) Emergency blanket
(1) Triangular bandage	(6) Safety pins
(1) Eye pad	(1) Strap tourniquet
(1) Elastic bandage (3" X 5 YDS)	(1) Tweezers
(2) Elastic bandage (2" X 5 YDS)	(1) Scissors
(50) Adhesive strips (3/4X2-3/4)	(1) Glove

Cat. No.	Case Qty
53262	20

Reflective Vests



- ▶ Nylon mesh with fluorescent blaze & 2" reflective tapes in front & back of vest
- ▶ Provides maximum visibility for safety
- ▶ Lightweight and durable while it retains its color under the toughest weather
- ▶ Adjustable Velcro closure in front and elastic straps at both sides
- ▶ Black cloth binding

Cat. No.	Case Qty
53232	100

Hard Hats



- ▶ Polypropylene shell, tough, lightweight, and durable
- ▶ Four-point easy turn knob ratchet adjustment for perfect fit
- ▶ Shock-absorbing and rain trough prevents water from dripping down on neck
- ▶ Reinforced ribs on top provide extra impact protection
- ▶ Slotted sides for accessories, such as face shields or ear muffs
- ▶ Complies with ANSI Z89.1 & OSHA requirements
- ▶ Chin strap sold separately from hard hat

Cat. No.	Description	Qty	Case Qty
53240	Yellow Hard Hat	1	40
53242	White Hard Hat	1	40
53244	Blue Hard Hat	1	40
53246	Red Hard Hat	1	40
53248	Chin Strap	1	40

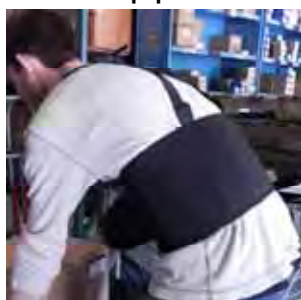
Knee Pads



- ▶ Tough nylon abrasion-resistant shell
- ▶ Lightweight, soft, comfortable foam padding with abrasion resistant plastic
- ▶ Provides protection against bump, impact, bruises & other injuries
- ▶ Good for construction, carpentry, maintenance, electrical work, sports, etc.
- ▶ Good for anything that could cause bruises or abrasions

Cat. No.	Size	Case Qty
53222	Medium	50
53224	Large	50

Back Support



- ▶ Help protect workers' backs & reduce costly time lost from injuries
- ▶ Durable lightweight spandex, powerful knit, and a woven elastic cinch strap fastens securely with hook-and-loop fasteners
- ▶ Bends with body for optimal support of the spine
- ▶ Lightweight breathable back
- ▶ Good for lifting, bending, and carrying

Cat No.	Size	Case Qty
53226	Large	50
53228	X-Large	50

Ear Plugs - Flanged Neck String



- ▶ Flanged Ear Plug With Cord
- ▶ 3 soft pliable flange design adjusts to ear for soothing noise suppression
- ▶ Provides superb hearing protection while allowing speech & warning signals to be heard
- ▶ A neck string, plastic case, and chain allow for convenient carrying
- ▶ Compliance: CE EN352-2, ANSI S3.19
- ▶ SNR: 25dB NRR:25dB

Cat. No.	Description	Qty	Box Qty	Case Qty
53212	Flanged Ear Plug	1	10	100

Ear Plugs - Foam Cushion



- ▶ Soft polyurethane foam provides comfortable seal against harmful noise
- ▶ Simply roll & insert into the ear, one size fits all
- ▶ Packaged in pairs - 3 pairs per set

Cat. No.	Description	Qty	Box Qty	Case Qty
53214	Foam Ear Plug	1(3 Pair Set)	40(3 Pair Sets)	600(3 Pair Sets)

Ear Protection - Ear Muffs



- ▶ Can be used for most industrial noises
- ▶ Large, soft foam-filled cushions with deep ear cups, folding headband
- ▶ Provides a good seal for protection against harmful noise
- ▶ Snug and comfortable fit & lightweight
- ▶ It can be folded into a compact unit good for storage or carrying in a pocket
- ▶ Compliance: CE EN352-1, ANSI S3.19
- ▶ Noise Protection SNR: 30db NRR: 25dB

Cat. No.	Description	Box Qty	Case Qty
53216	Ear Muffs	10	60

Non-Toxic Dust Masks



- ▶ Standard Dust Mask
- ▶ Dependable protection where workers are exposed to nuisance dust & powders
- ▶ Not designed for use as protection against toxic dusts & vapors
- ▶ Disposable, lightweight, odorless, fiberglass free, non-irritating to the skin, and soft flexible nose bridge for a custom seal
- ▶ BFE (Bacteria Filtration Efficiency) up to 99.9% at 3.6 micron particle size
- ▶ Single strap to secure

Cat No.	Description	Pack Qty	Case Qty
53252	Non-Toxic Dust Mask	1 pack of 10	10 packs of 10

Toxic Type Dust/Mist Respirator



- ▶ Anti-Bacterial Respirator
- ▶ Protection against particulate aerosols containing the following materials such as calcium carbonate, china clay, cement, cellulose, sulfur, cotton, flour, carbon, ferrous metals, hard wood, coal, iron ore, aluminum, free silica, bacteria, and mycobacterium tuberculosis (T.B.)
- ▶ Collapse resistant double shell withstands hot and humid conditions
- ▶ Fringe seal latex-free synthetic rubber head strap seals mask to face
- ▶ Contour design ensures compatibility of glasses/goggles and reduces fogging
- ▶ Soft close-cell nose foam and adjustable nosepiece ensure custom shape and increase worker comfort and acceptance
- ▶ NIOSH

Cat No.	Description	Pack Qty	Case Qty
53254	Toxic Dust/Mist Respirator	1 pack of 3	20 packs of 3



- ▶ Testers T1-T2
- ▶ DataComm LAN Testers T3
- ▶ Stud Finders & Breaker Locators T4
- ▶ Specialty Testers T5-T6
- ▶ Multi-Meters T6-T9
- ▶ Clamp Meters T9-T12

Circuit Tester 80-500 Volts AC/DC



- ▶ 80-500V AC/DC Voltage Tester
- ▶ Economy Twin Lead Tester
- ▶ Ideal for Testing Outlets, Switches and other Electrical Devices
- ▶ Blister Packed

Cat. No.	Box Qty
59010	24

Circuit Tester 90-300 Volts AC/DC



- ▶ 90-300V AC/DC Voltage Tester
- ▶ Bright LED AC/DC Indicator
- ▶ Insulated Casing with Pocket Clip
- ▶ Neon Indicator Glows when the Voltage is Present and Brightens as the Voltage Increases
- ▶ Blister Packed

Cat. No.	Box Qty
59020	10

Low Voltage Circuit Tester 5-50 Volts AC/DC



- ▶ 5-50V AC/DC Voltage Tester
- ▶ Alligator Clip Test Leads
- ▶ Indicator Brightens as Voltage Increases
- ▶ Reinforced Casing with Pocket Clip
- ▶ Blister Packed

Cat. No.	Box Qty
59030	10

4-Way Circuit Tester 110-220-277-460 Volts



- ▶ 110-460V AC/DC Voltage Tester
- ▶ Individual Indicator for each Voltage Assures Reliability
- ▶ Bright Neon AC/DC Indicators
- ▶ Flexible Reinforced Leads Store in Case
- ▶ Reinforced Casing with Convenient Pocket Clip
- ▶ Blister Packed

Cat. No.	Box Qty
59070	10

Receptacle & GFCI Testers



59080

59090

- ▶ Instant Display of Wiring Condition of Any Standard 3-Wire AC 110-120V Outlet
- ▶ 59090 Also Trips GFCI Receptacle to Indicate Status
- ▶ Neon Indicators Give Positive Indication of Current Status
- ▶ Compact Unit Simply Plugs into any Standard 3 Wire/ Grounded Receptacle (110-125 Volt AC Circuits)
- ▶ Tests for 6 Circuit Conditions: Open Ground, Open Neutral, Open Hot, Hot/Ground Reverse, Hot/Neutral Reverse & Correct Wiring
- ▶ Blister Packed

Cat. No.	Description	Box Qty
59080	Receptacle Tester	10
59090	GFI & Receptacle Tester	10

Screwdriver Voltage Probe Tester



- ▶ Neon Glow Indicates Live Circuit for 80 to 250 Volt
- ▶ AC/DC
- ▶ No Test Leads Required
- ▶ Pocket Clip
- ▶ Insulated Screwdriver Tip

Cat. No.	Box Qty
59040	24

Voltage Probe & Continuity Tester 12-300 Volts AC/DC



- ▶ No Test Leads Required
- ▶ Tests for Continuity, AC Voltage & Polarity
- ▶ Tests for Continuity without Wire Probes on Non-Energized Circuits
- ▶ Tests from 12 to 300V AC/DC on Energized Circuits
- ▶ LED Indicator Glows when Voltage/Continuity exists
- ▶ Handy Screwdriver Tip, Pocket Clip

Cat. No.	Box Qty
59050	20

Non-Contact Power Detector 70-440 Volts AC



- ▶ No Direct Electrical Contact & No Current Flow Needed
- ▶ Sound & Light Indication of Voltage
- ▶ Tests Electrical Lines, Cables, Sockets, Fuses, Switches
- ▶ Checks for Proper Ground Connection
- ▶ Unique Electronic Sensor Locates Breaks Along Live, Insulated Wires & Power Cords
- ▶ Distinguishes Polarity
- ▶ Detects Leaks in Underground Devices

Cat. No.	Box Qty
59110	10

Non-Contact Power Detector 100-240 Volts AC



- ▶ Locates breaks along live, insulated wires and power cord
- ▶ Detects voltage at outlet, lighting fixture, circuit breaker, cable
- ▶ Convenient pen size fits into pocket or tool pouch
- ▶ Audible and visual indication
- ▶ 3/16" Detection Distance

Cat. No.	Box Qty
59112	20

Digital Phone Line Tester



- ▶ Detects dangerous surges in digital or analog phone lines
- ▶ Surge suppression circuit protects against voltage spikes & surges
- ▶ Built-in LED indicator allows testing of RJ11 4&6 position phone outlets for common trouble conditions such as dead or open lines, reversed polarity, & AC voltage
- ▶ Tests 2-Line phone systems
- ▶ Tests for Polarity
- ▶ Uses standard RJ11 jack & plug

Cat. No.	Box Qty
59180	20

Tone Generator & Probe



- ▶ Designed to identify and trace wires or cables without damaging insulation
- ▶ Identifies the state of the working telephone line (clear, ring, busy)
- ▶ Identifies polarity of a telephone line
- ▶ Trace & identify wires in a bundle, at a cross-connect point or remote end
- ▶ Can identify split pairs when one wire from a pair has been terminated
- ▶ Used to send or trace a tone
- ▶ Use on twisted pair wiring (telecomm/datacomm), single conductors, coaxial cables, de-energized AC wiring & most other wiring
- ▶ The probe identifies the signal from the tone generator through drywall, wood & other non-metallic materials
- ▶ Continuity test
- ▶ Adjustable sensitivity/volume control to increase accuracy
- ▶ Recessed On/Off button prevents battery drain
- ▶ Send frequency: 1.5KHz, Receive frequency range:100~300 KHz
- ▶ Size: receiver 9.4" x 1.7" x 1", emitter 5.7" x 1.4" x 1"
- ▶ Power: 6F22(9V)x1

Cat. No.	Case Qty
57320	40

Multi-Network Cable Tester



- ▶ Main unit and one remote allow one person to test T568A, T568B, 10Base-T, and Token Ring
- ▶ Tests & troubleshoots voice communication for open circuits, shorts, mis-wires, reversals, and split pairs
- ▶ SHIELD detection tests a cable's shield integrity
- ▶ Easy to read fault display and high speed testing
- ▶ Debug mode for detailed fault identification results
- ▶ Auto sleep mode and power off switch to decrease power consumption
- ▶ Low Battery LED indicator

Cat. No.	Case Qty
57316	50

Coax Network Cable Tester



- ▶ Tests for Coaxial Cable (BNC)
- ▶ Tests for T568A, T568B, 10Base-T, AT&T258A, and Token Ring Cable
- ▶ Automatically checks for open circuits, shorts, mis-wires and reversals
- ▶ SHIELD detection tests a cable's shield integrity
- ▶ Easy-to-read fault display and high speed testing

Cat. No.	Case Qty
57318	50

Circuit Breaker Finder



- ▶ Quickly & easily identifies individual branch circuits at the panel box without interrupting power
- ▶ Find circuit breaker for each outlet by plugging transmitter into wall outlet & then moving receiver over circuit breakers using visual & audible indicators to determine correct breaker
- ▶ Compact receiver unit features adjustable sensitivity for precise location of breaker
- ▶ Visual & Audible Indicators

Cat. No.	Case Qty
59155	20

Ultrasonic Distance Meter & Wood Stud Detector



- ▶ Laser pointer measures from 2 feet up to 50 feet
- ▶ Easy-to-read LCD display
- ▶ Built-in calculator for measuring areas and volumes
- ▶ Adds linear measurements, area and volume
- ▶ Memory function
- ▶ Choose between meter or foot units
- ▶ Stud finder detects wood up to 3/4" with audio indicator & LCD display
- ▶ Auto calibration stud detection
- ▶ Operated by one 9V battery (not included)

Cat. No.	Inner Box Qty	Case Qty
59120	8	64

Voltage/Metal/Wood Stud Detector



- ▶ Finds wood, metal studs and joists behind walls, floors, and ceilings
- ▶ Detects wood up to 3/4"
- ▶ Detects 90-250V within 6" of a hot unshielded wire
- ▶ Auto calibration stud detection
- ▶ 4 LED visual and audio indicators
- ▶ Operated by one 9V battery (not included)

Cat. No.	Inner Box Qty	Case Qty
59122	10	80

Voltage/Metal/Wood Stud Detector with LCD Display



- ▶ Detects wood, metal & live wire through drywall & other common wall materials
- ▶ Easy to read LCD display & audio signal indicate when target is located
- ▶ Locates & Traces hot wires
- ▶ Continuously detects the presence of AC voltage for safety
- ▶ Detects metal up to 1-1/2"
- ▶ Detects voltage up to 3"
- ▶ Detects wood up to 3/4", stud deep function detects wood up to 1-1/2"
- ▶ Operated by one 9V battery (not included)

Cat. No.	Inner Box Qty	Case Qty
59124	10	80

Heavy Duty Solenoid Voltage/Continuity Tester



- ▶ Test Voltage from 120V to 600V AC/DC
- ▶ Non-Contact Voltage Sensor from 90V to 1000V
- ▶ Test Continuity & Polarity
- ▶ Case serves as prod holder for one-hand operation
- ▶ Self-storing prods
- ▶ Solenoid Sensing indicated by LEDs & Vibration
- ▶ Ergonomic Soft PVC housing for comfort grip
- ▶ LED Spotlight Illuminates Work Area
- ▶ Battery not Included (AAA x 1)

Cat. No.	Inner Box Qty	Case Qty
59100	5	60

Battery/Bulb/Fuse/Continuity Tester



- ▶ Multi-purpose Battery, Bulb, Fuse, & Continuity tester
- ▶ Determines if Battery, Bulb or Fuse is still good
- ▶ Audible continuity tester via test probes supplied
- ▶ Reading shows up on clear scale
- ▶ Operated by one 9V 6F22 battery (not supplied)
- ▶ Automatically turns power on and off
- ▶ Dimensions: 5.7" x 2.6" x 1.3"
- ▶ Weight: 5oz.

Cat. No.	Inner Box Qty	Case Qty
59002	10	60

Motor and Phase Rotation Indicator



- ▶ Detects the rotary field of three-phase systems & determines the motor rotation direction
- ▶ Determines the Motor Connection
- ▶ Stand alone direction indicator
- ▶ Hand held, battery-operated
- ▶ Wireless

Cat. No.	Case Qty
57088	20

Light Meter



Measures both footcandle & Lux
1 footcandle = 10.76 lux

- ▶ Easy-to-use, Pocket Size & Light Weight
- ▶ 3-1/2 Digit LCD Display with Low Battery Indication
- ▶ Resolution To 0.1 Lux Measurement
- ▶ Measuring Range 200, 2000, 20000, 50000 Lux
- ▶ 20000 Lux: Reading x 10, 50000 Lux: READING x 100
- ▶ Accuracy: $\pm 5\%$ Rdg ± 10 Digits ($< 10,000$ Lux)
- ▶ Accuracy: $\pm 10\%$ Rdg ± 10 Digits ($> 10,000$ Lux)
- ▶ Calibrated to Standard Incandescent Lamp 2856K
- ▶ Includes One 12 Volt Battery
- ▶ Photo Detector Dimensions: 4.5" X 2.4" X 1.1"
- ▶ Dimensions: 4.5" X 2.5" X 1.1"
- ▶ Weight: 5.6 Oz

Cat. No.	Inner Box Qty	Case Qty
59150	10	40

Professional Infrared Thermometer with Laser Pointer



- ▶ Safely measure hot, hazardous, or hard-to-reach materials without touching the material's surface; simply pull the trigger & read the temperature
- ▶ Service Applications where temperature plays a role in product quality or equipment maintenance
- ▶ Built-in laser pointer locates exact spot for temperature measurement
- ▶ Fixed emissivity (0.95) covers 90% of surface applications
- ▶ Narrow 12:1 field of view (at 12" distance, measure 1" target)
- ▶ Automatic selection range and Resolution to 0.1° up to 200°, 1° over 200°
- ▶ °C/°F switchable, auto power off & max hold
- ▶ Complete with 9V battery
- ▶ Measuring Ranges: -58°F to 329°F (-50°C to 200°C)
- ▶ Resolution of 34°F (1°C)
- ▶ Basic Accuracy $\pm 1.5\%$ of reading
- ▶ Dimensions (LxWxH): 8.9 x 2.2 x 6.5"
- ▶ Weight: 8 oz.

Cat No.	Case Qty
59116	10

Cat III Megohmmeter Digital Insulation Tester



- ▶ DCV: 1000V $\pm 0.8\%$,
- ▶ ACV: 750V $\pm 1.2\%$
- ▶ Resistance: 0-1000M Ω $\pm 3.0\%$, 1000-2000M Ω $\pm 5.0\%$
- ▶ 1mA test current for M Ω range for rated voltage
- ▶ Continuity Beeper 200mA short current for continuity range
- ▶ Large LCD dual display with backlight
- ▶ Data hold & output voltage lock function
- ▶ Easy to carry testing package over range indication
- ▶ 250V, 500V, 1000V output voltage for insulation M Ω testing
- ▶ Lo Ω function for testing connections
- ▶ Low battery indication
- ▶ Secondary injection molding case
- ▶ Meets IEC10101, CATIII 1000V
- ▶ Includes 6 AA batteries, test leads and plastic carrying case
- ▶ Dimensions (LxWxH): 7-7/8" x 3-5/8" x 2"
- ▶ Weight: 2-1/2lbs. (with batteries)

Cat. No.	Case Qty
57080	10

Analog Multimeter



- ▶ AC Voltage: 10/50/250/500V
- ▶ DC Voltage: 2.5/10/50/250/500V
- ▶ DC Current: 500u/10m/250mA
- ▶ Resistance: 2K/200K Ohms Max
- ▶ Battery Test 1.5V & 9V
- ▶ Overload Protection
- ▶ Power Source: One AA (1.5V) Battery
- ▶ Dimensions: 2.5" X 4.0" X 1.25"
- ▶ Weight: 3.4 oz.
- ▶ Accessories: Test Leads, Battery & Instruction Manual
- ▶ Blister Packed

Cat. No.	Description	Qty
57010	Multimeter	1
51050	Replacement Test Leads	1

Super Mini Digital Multimeter with Rubber Holster



- ▶ AC Voltage: 200/500V+/-1.8%
- ▶ DC Voltage: 200m/2000m/20/200/500V+/-0.5%
- ▶ DC Current: 2m/20m/200mA+/-1.0%
- ▶ Resistance: 200/2000/20K/200K/2M+/-0.8%
- ▶ Diode Test: Tests Current 1.6mA Max, Test Voltage 3V Max
- ▶ Display: 3 1/2 Digit LCD, Max Reading 1999
- ▶ Continuity Buzzer
- ▶ Battery Test
- ▶ IEC 1010-1 CAT II 500V
- ▶ Power Source: 12 VOLT
- ▶ Dimensions: 1.89" X 3.94" X 1.02"
- ▶ Weight: 1.6 oz.
- ▶ Accessories: Holster, Test Leads, Battery & Instruction Manual
- ▶ Blister Packed

**FITS IN YOUR
SHIRT POCKET**

Cat. No.	Description	Qty
57050	Multimeter	1
51052	Replacement Test Leads	1

Pocket Digital Multimeter with Vinyl Case



- ▶ AC Voltage: 200/450V+/-1.2%
- ▶ DC Voltage: 2/20/200/450V+/-0.5%
- ▶ DC Current: 200mA+/-1.2%
- ▶ Resistance: 2000/20K/200K/2M/20M+/-1.0%
- ▶ Diode Test: Tests Current 1.6mA Max, Test Voltage 3V Max
- ▶ Continuity Buzzer
- ▶ Polarity: Automatic (-) Negative Polarity Indication
- ▶ Zero Adjustment: Automatic
- ▶ Overload Protection: 200mA and 0.2 Amp Fuse Protection
- ▶ Display: 3-1/2 Digit LCD, Max Reading 1999
- ▶ Power Source: 12V A23 EL12 Button Cell Battery
- ▶ Dimensions: 2.24" X 4.27" X .55"
- ▶ Weight: 2.5 oz.
- ▶ Accessories: Case, Test Leads, Battery & Instruction Manual
- ▶ Blister Packed

Cat. No.	Description	Inner Box Qty	Case Qty
57060	Multimeter	10	100

Digital Multimeter with Rubber Holster



- ▶ AC Voltage: 200/600V+/-1.2%
- ▶ DC Voltage: 200m/2/20/200V+/-0.5% 600V+/-0.8%
- ▶ DC Current: 200u/2m/20m/200mA +/-1% 10A +/-3%
- ▶ Resistance: 200/2K/20K/200K/2M +/-0.8%
- ▶ Diode Test: Tests Current 1.0mA
- ▶ Audible Continuity Test
- ▶ Data Hold
- ▶ Back Lit
- ▶ Overload Protection
- ▶ Power Source: 6F22(9V) X 1
- ▶ Fuse 200mA/250V
- ▶ IEC 61010-1 CAT II 600V
- ▶ Dimensions: 1.25" X 2.72" X 5.44"
- ▶ Weight: 9 oz.
- ▶ Accessories: Rubber Holster, Test Leads, Battery & Instruction Manual
- ▶ Blister Packed

Cat. No.	Description	Qty
57030	Multimeter	1
51054	Replacement Test Leads	1

Digital Multimeter & Temperature Probe with Rubber Holster



- ▶ AC Voltage: 200/600V+/-1.2%
- ▶ DC Voltage: 200mV/2V/20V/200V+/-0.5%, 600V+/-0.8%
- ▶ DC Current: 2mA/20mA/200mA+/-1%, 10A+/-3%
- ▶ Resistance: 200/2K/20K/200K/2M+/-0.8%
- ▶ Temperature: 1° to 752°F (-17° to 400°C) +/-1%+2°C, 754°C to 1382°F (401° to 750°C) +/-2%+2°C
- ▶ Diode Test
- ▶ Audible Continuity Test
- ▶ Data Hold
- ▶ Overload Protection
- ▶ Power Source: 6F22(9V) X 1
- ▶ Fuse 200mA/250V
- ▶ IEC 61010-1 CAT II 600V
- ▶ Dimensions: 1.25" X 2.72" X 5.44"
- ▶ Weight: 9 oz.
- ▶ Accessories: Rubber Holster, Test Leads, Battery & Instruction Manual
- ▶ Blister Packed

Cat. No.	Description	Qty
57040	Multimeter	1
51054	Replacement Test Leads	1

Auto-Ranging Digital Multimeter with Rubber Holster



- ▶ AC Voltage: 400m/4/40/400/600V+/-0.8%
- ▶ DC Voltage: 400m/4/40/400/600V+/-0.5%
- ▶ DC Current: 400u/4000/20m/40m/400m/10A+/-2%
- ▶ AC Current: 400u/4000/20m/40m/400m/10A+/-2%
- ▶ Resistance: 400/4K/40K/400K/4M/40M +/-0.8%, 2M+/-1%
- ▶ Frequency: 9.999Hz to 9.999MHz+/-3%
- ▶ Auto ranging with Manual Ranging Override
- ▶ Diode Test
- ▶ Hfe Transistor Test
- ▶ Audible Continuity Test
- ▶ Data Hold & Range Hold
- ▶ Overload Protection
- ▶ Auto Power Off
- ▶ Power Source: 6F22(9V) X 1
- ▶ Fuse 200mA/250V
- ▶ IEC 1010-1 CAT II 600V
- ▶ Dimensions: 4.8" X 2.4" X 1.6"
- ▶ Weight: 5.3 oz.
- ▶ Accessories: Rubber Holster, Test Leads, Battery & Instruction Manual
- ▶ Blister Packed

Cat. No.	Description	Qty
57044	Multimeter	1
51056	Replacement Test Leads	1

Cat III Auto-Ranging Digital Multimeter with Temperature Probe



Santoprene is overmolded on the outer surface for comfort

- ▶ Conforms to international safety standard IEC61010-1 CAT III 600V
- ▶ Display: 1999 counts, digit is .63" high
- ▶ DC Voltage: 200m/2/20/200/600V±0.7%
- ▶ AC Voltage: 200m/2/20/200/600V±0.8%
- ▶ DC Current: 200μ / 2000μ / 20m / 200mA±1.2%, 2/10A ±2.0%
- ▶ AC Current: 200μ / 2000μ / 20m / 200mA ±1.5%, 2/10A ±3.0%
- ▶ DC Current: (with clamp, optional) :200/2000A (0.1mV/0.1A) ±1.2%
- ▶ AC Current: (with clamp, optional) :200/2000A (0.1mV/0.1A) ±1.5%
- ▶ Resistance: 200 / 2k/ 20k / 200k / 2M / 20MΩ ±1.2%,
- ▶ Temperature: 0° to 1800°F (-20° to 1000°C) ±3.0%
- ▶ Battery Test: 1.5V (test current approx 60mA)
- 3V (test current approx 30mA)
- 9V (test current approx 12mA)
- ▶ Secondary injection molded case
- ▶ Maximum value measurement
- ▶ Back light
- ▶ Auto Power off
- ▶ Auto range
- ▶ Data hold
- ▶ Continuity Test
- ▶ Diode Test
- ▶ Transistor hFE test
- ▶ Power: 1.5V (AAA) x 3
- ▶ Size: 6.2" X 2.9" X 1.2"
- ▶ Weight: 7.7oz.

Cat. No.	Inner Box Qty	Case Qty
57072	10	40

Cat III TRMS Auto-Ranging Digital Multimeter W/PC Interface



- ▶ DC Voltage: 400mV/4V/40V/400V $\pm$ 0.5%, 100V $\pm$ 0.8%
- ▶ AC Voltage: 4V/40V/400V $\pm$ 0.8%, 700V $\pm$ 1.2%
- ▶ DC Current: 400 μ A/4000 μ A/40mA /400mA $\pm$ 1.2%, 10A $\pm$ 2.0%
- ▶ AC Current: 400 μ /4000 μ /40m /400mA $\pm$ 1.5%, 10A $\pm$ 3.0%
- ▶ Resistance: 400 /4k /40k /400k /4M Ω $\pm$ 1.0%, 40M Ω $\pm$ 2.0%
- ▶ Capacitance: 50nF $\pm$ 5.0% 500nF/5 μ F/50 μ F 100 μ F $\pm$ 3.0%
- ▶ Frequency: 5Hz/50Hz/500Hz/5KHz $\pm$ 0.2%
- ▶ Temperature: 4° to 1832°F (-20° to 1000°C) $\pm$ 3.0% + 2°
- ▶ Duty: 0.1% ~ 99.99%
- ▶ Continuity Test
- ▶ Diode Test
- ▶ Display 3999 counts
- ▶ Relative measurement
- ▶ Auto power off
- ▶ Date hold
- ▶ RS232 Standard interface
- ▶ Auto range and manual range
- ▶ Back light
- ▶ True RMS value

Santoprene is over-molded on the outer surface for comfort

Cat. No.	Case Qty
57074	10

CAT III Auto-Ranging 400A AC Slimline Clamp



- ▶ Voltage DC 600V with basic accuracy $\pm$ (0.5%+5d)
- ▶ Voltage AC 600V with basic accuracy $\pm$ (0.8%+5d)
- ▶ Current AC 400V with basic accuracy $\pm$ (2.50%+6d)
- ▶ Resistance 20M Ω with basic accuracy $\pm$ (1.0%+4d)
- ▶ Continuity buzzer sound at 300 Ω
- ▶ Diode test current 0.3mA; Open circuit voltage 1.5V
- ▶ Accessories: test leads, carrying case, 2-AAA 1.5V batteries
- ▶ Dimensions: (LxWxH) 8-1/16" x 2-3/4" x 1-1/2"
- ▶ Weight: 7oz.
- ▶ 2000 LCD display counts
- ▶ Decimal Point Readings
- ▶ Display with backlight
- ▶ Data hold
- ▶ Max hold
- ▶ Auto power off
- ▶ Low battery indication

Cat. No.	Case Qty
57250	50

400A Digital Clamp Meter with Temperature Probe



- ▶ AC Current: 200A $\pm$ 1.5%, 400A $\pm$ 2.0%
- ▶ AC Voltage: 600V $\pm$ 1.5%
- ▶ DC Voltage: 600V $\pm$ 1.0%
- ▶ Resistance: 2000K $\pm$ 1.0%
- ▶ Temperature Range: -4°F to 500°F (-20°C to 260°C) $\pm$ 3%, F° & C° Selectable
- ▶ Easy Single Rotary Switch for any Function Selection
- ▶ Jaw Opening To 1.06"
- ▶ Continuity Buzzer
- ▶ Data Hold for all Functions
- ▶ Overload Protection for all Ranges
- ▶ Diode Test: Tests Current 1.4mA Max, Test Voltage 2.8V Max
- ▶ Display: 3-1/2 Digit LCD, Max Reading 1999
- ▶ Power Source: 9 Volt Battery
- ▶ Dimensions: 8.07" X 1.73" X 1.57"
- ▶ Weight: 7.0 Ounces
- ▶ Accessories: Carrying Case, Test Leads, Temperature Probe, Battery & Instruction Manual

Cat. No.	Description	Qty
57200	400A Clamp Meter	1
51056	Replacement Test Leads	1

CAT III 1000A Digital Clamp Meter with Temperature Probe



- ▶ Conforms to IEC61010-1 Cat III
- ▶ Display: 3-1/2 digits with max. 1999 counts
- ▶ Data hold function
- ▶ Back light function
- ▶ DC voltage: 1000V $\pm 1.0\%$
- ▶ AC voltage: 750V $\pm 1.0\%$
- ▶ AC current: 20A/200A/1000A $\pm 2.0\%$
- ▶ Resistance: 200/2000 Ω $\pm 1.0\%$
- ▶ Temperature Range: -40°F to 1350°F (-40°C to 750°C) $\pm 1.0\%$
- ▶ Fast Continuity Beeper
- ▶ Diode Test

Cat. No.	Case Qty
57254	10

Cat III TRMS Auto-Ranging 600A AC Digital Clamp Meter



- ▶ DCV: 6/60/600V $\pm 0.8\%$, 1000V $\pm 1.0\%$
 - ▶ ACV: 6/60/600V $\pm 1.0\%$, 700V $\pm 1.2\%$
 - ▶ ACA: 600A $\pm 2.5\%$
 - ▶ Resistance: 600/ 6k/600k/6M Ω $\pm 1.0\%$, 60M Ω $\pm 5.0\%$
 - ▶ Capacitance: 600n/6 μ /60 μ /600 μ /1000 μ F $\pm 4.0\%$
 - ▶ Frequency: 40Hz to 100kHz $\pm 0.1\%$
 - ▶ ADP measurement: 600mV $\pm 3.0\%$
 - ▶ Max. diameter for conductor: Φ 1.66"
 - ▶ Secondary injection molding case
 - ▶ Conform to the IEC61010-1 & IEC61010-1-032 Std
 - ▶ Double insulation (protection class 600V CAT III)
 - ▶ True RMS for AC voltage and current
 - ▶ Display: 6000 counts
 - ▶ Decimal Point Readings
 - ▶ Auto/Manual range
 - ▶ Data hold function
 - ▶ Max/min function
 - ▶ Back light function
 - ▶ Clamp light
 - ▶ Auto power off
 - ▶ Continuity test
 - ▶ Diode test
 - ▶ SMT application
 - ▶ Power: 1.5V/AAA x 3
 - ▶ Dimensions: 8.9" X 3.4" X 1.3"
 - ▶ Weight: 11.2oz.
- Santoprene is over molded on the outer surface for comfort

Cat. No.	Case Qty
57260	20

Cat III TRMS Auto-Ranging 400A AC/DC Digital Clamp Meter



- ▶ DCV: 4/40/400V $\pm 0.8\%$, 1000V $\pm 1.0\%$
- ▶ ACV: 4/40/400V $\pm 1.0\%$, 700V $\pm 1.2\%$
- ▶ DCA: 400/1000A $\pm 3.0\%$
- ▶ ACA: 400A $\pm 2.5\%$
- ▶ Resistance: 400/4k/40k/400k/4M Ω $\pm 1.0\%$, 40M Ω $\pm 2.0\%$
- ▶ Frequency: 40Hz to 100kHz $\pm 0.1\%$ (from test terminal)
40Hz to 400kHz $\pm 0.1\%$ (from current clamp)
- ▶ Conform to the IEC61010-1 & IEC61010-1-032 standard
- ▶ Double insulation (protection class 600V CAT III)
- ▶ True RMS for AC voltage and current
- ▶ Max. diameter for conductor: Φ 1.66"
- ▶ Secondary injection molding case
- ▶ Santoprene is overmolded on the outer surface for comfort
- ▶ Display: 3999 counts
- ▶ Decimal Point Readings
- ▶ Auto/Manual range
- ▶ Auto zero key for DCA
- ▶ Data hold function
- ▶ Max/min function
- ▶ Back light function
- ▶ Jaw lighting
- ▶ Auto power off
- ▶ Continuity test
- ▶ Diode test
- ▶ SMT application
- ▶ Power: 1.5V/AAA x 3
- ▶ Dimensions: 8.9" X 3.4" X 1.3"
- ▶ Weight: 11.2oz.

Cat. No.	Case Qty
57262	20

CAT III Auto-Ranging 200A Open Jaw Clamp



- ▶ Open jaw digital electrical tester
- ▶ Diode test
- ▶ Continuity test
- ▶ Duty cycle test function
- ▶ Auto and manual range
- ▶ Relative Measurement
- ▶ Data hold
- ▶ Backlit auto off time limit mode
- ▶ Test leads and back storage
- ▶ Backlight auto off time limit mode
- ▶ Display: 3999 counts
- ▶ Decimal Point Readings
- ▶ Meets IEC61010-1 safety requirements
- ▶ DCV: 4/40/400V $\pm$ 0.7%, 1000V $\pm$ 0.8%
- ▶ ACV: 4/40/400V $\pm$ 0.8%, 700V $\pm$ 1.0%
- ▶ ACA: 200A $\pm$ 3.0% (50Hz to 400Hz)
- ▶ Resistor: 400/4K/40K/400K/4M Ω $\pm$ 1.2%, 40M Ω $\pm$ 2.0%
- ▶ Capacitance: 40n/400n/4 μ F $\pm$ 4.0%
- ▶ Frequency: 10Hz to 100KHz $\pm$ 2.0%
- ▶ Duty Cycle: 0.1% to 99.9%
- ▶ Power: Battery 6F22 (9V) X 1
- ▶ Size: 7.6" X 2.7" X 1.7"
- ▶ Weight: Approx. 9.2oz.

Cat. No.	Case Qty
57266	20

Cat III TRMS Auto-Ranging Digital Power Clamp Meter



- ▶ AC, W, VA, VAR, kWh and PE temperature measurement
- ▶ Max count 9999 and double scales analogue bar graph display
- ▶ 99 hours digital calcula-graph for active energy measurement
- ▶ Single chip micro-controller
- ▶ Functions: Measurement, time, autorange switching control
- ▶ Measures: TRMS value, max value, min value
- ▶ Display kWh measurement value and measuring time in active energy mode
- ▶ High function, low price and widely used power clamp meter
- ▶ Max Conductor size Φ 1.97"
- ▶ AC Current (A) 40/100/400/1000A $\pm$ 2%
- ▶ AC Voltage (V) 100/300/600V $\pm$ 1.2%
- ▶ Active Power (kW) 4/10/40/100/600 kW $\pm$ 3%
- ▶ Apparent Power (kVA) 4/10/40/100/600 kVA $\pm$ 3%
- ▶ Power Factor (PF) 0.3 cap to 0.3 ind $\pm$ 0.02
- ▶ Reactive Power (KVAR) 4/10/40/100/600 kVAR $\pm$ 4%
- ▶ Active Energy (kWh) 10/100/1000/10000 kWh $\pm$ 3%
- ▶ Frequency (Hz) 20Hz ~ 1000Hz $\pm$ 0.5%
- ▶ Temperature $^{\circ}$ F -58~572 $^{\circ}$ F $\pm$ 5.5 $^{\circ}$ F, -572~2372 $^{\circ}$ F $\pm$ 1%
- ▶ Display 4 digit LCD 9999
- ▶ Power Supply 4 X 1.5V AA
- ▶ Operating Temp 0 $^{\circ}$ C ~ 40 $^{\circ}$ C
- ▶ Dimensions 11.8" X 4.1" X 2"
- ▶ Weight 17.5oz.
- ▶ Data hold
- ▶ Back Light



Cat. No.	Case Qty
57270	4

Line Splitter



- ▶ Splits line for independent testing with clamp meter, which measures current from the splitter without destroying the insulation of cable
- ▶ "X1" and "X10" testing terminal can be chosen
- ▶ Different standards of plug can be changed
- ▶ Suitable to all kinds of equipment
- ▶ Maximum overload: AC 250V 15A
- ▶ Conforms to the IEC1010 safety standard
- ▶ Dimension: 6.9" X 2" X 1.3"
- ▶ Weight: 4.4oz

Cat. No.	Case Qty
57286	50

Cat III TRMS Auto-Ranging 3 Phase Digital Power Clamp Meter



- ▶ Power measurement of 3-phase 3-wire, 3-phase 4-wire, single-phase mode
 - ▶ V, A, W, VA, VAR, kWh, PF, Hz measurement
 - ▶ Double Display two parameters on each menu and store 28 groups of measurement parameter
 - ▶ Measure total power value and five power parameters of each phase in 3-phase measurement mode respectively
 - ▶ Autorange and terms display
 - ▶ With PCRS232 interface and windows graphics software
 - ▶ Concurrently display measurement time and select tested signal power supply for the clamp
 - ▶ Large LCD display, multifunctional button control
- | | |
|-------------------------|---------------------------------|
| ▶ Max Conductor size | Φ 1.97" |
| ▶ AC Current | (A) 40/100/400/1000A ±2% |
| ▶ AC Voltage | (V) 100/300/600kW ±1.2% |
| ▶ Active Power | (kW) 4/10/40/100/600 kW ±3% |
| ▶ Apparent Power | (kVA) 4/10/40/100/600 kVA ±3% |
| ▶ Power Factor | (PF) 0.3cap to 0.3 ind ±0.02 |
| ▶ Reactive Power | (KVAR) 4/10/40/100/600 kVAR ±4% |
| ▶ Active Energy | (kWh) 10/100/1000/10000 kWh ±3% |
| ▶ Frequency | (Hz) 20Hz ~ 1000Hz ±0.5% |
| ▶ Display | 4 digit LCD 9999 |
| ▶ Power Supply | 4 X 1.5V AA |
| ▶ Operating Temperature | 0°C ~ 40°C |
| ▶ Dimensions | 11.8" X 4.1" X 2" |
| ▶ Weight | 17.5oz. |
| ▶ Data hold | |
| ▶ Back Light | |



Cat. No.	Case Qty
57272	4

AC Current Clamp-On Adaptor



- ▶ Ideal tool to extend the current ranges for all multimeters
- ▶ 200A AC current clamp-on adaptor with voltage output via standard banana inputs to be connected to multimeters
- ▶ Accessories: Test leads and carrying case
- ▶ Dimensions (L x W x H): 3-3/16" x 2-1/2" x 1 1/4"
- ▶ Weight: 2.8oz.
- ▶ Range 200A
- ▶ Output 1mV/A
- ▶ Sensitivity 1A/mV DC
- ▶ Basic Accuracy ±2%

Cat. No.	Box Qty	Case Qty
57280	10	30

AC/DC Clamp-On Adaptors

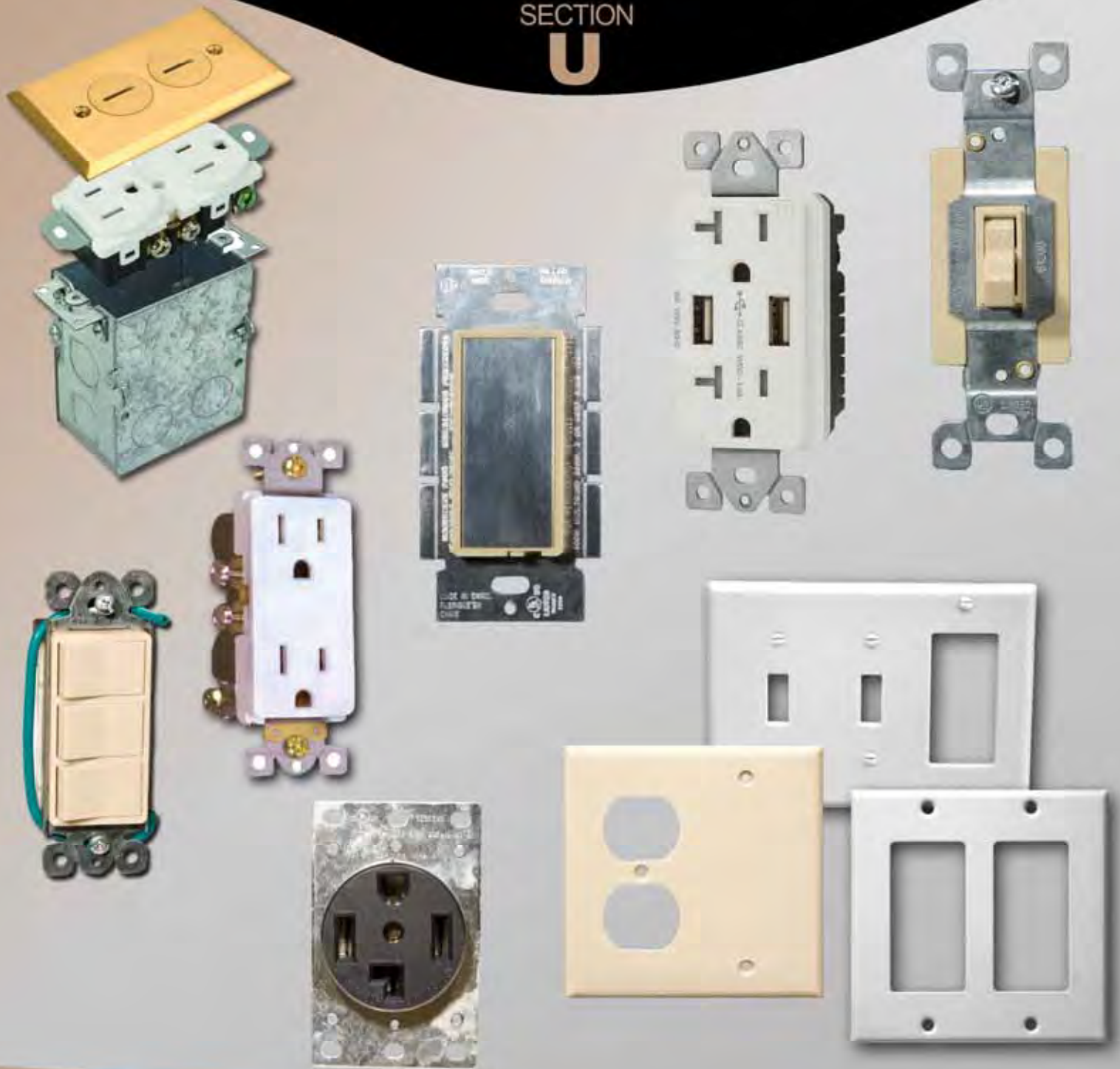


57282

57284

- ▶ Compatible with any test tool, power harmonics analyzer, oscilloscope, multimeter, or other voltage measuring device
- ▶ Accessories: Test leads, carrying case and 9V battery
- ▶ Dimensions (LxWxH): 7-1/2" x 2-3/4" x 3-3/4"
- ▶ Weight: 7oz.
- ▶ 57282 AC/DC current range 2A/100A, Output 100mV/A, 1mV/A, Sensitivity 0.01A/mV AC/DC, ±3.0%, ±2%
- ▶ 57284 AC/DC current range 40A/400A, Output 10mV/A, 1mV/A, Sensitivity 0.1A/mV AC/DC, ±3.0%, ±2.5%

Cat. No.	Range	Case Qty
57282	2A/100A	50
57284	40A/400A	50



Wiring Devices

Switches



U1

Decorative Switches



U2

Duplex Receptacles



U3-U4

Decorative Receptacles



U5-U6

USB



U6

GFCI's



U7

Range & Dryer



U7

Lampholders



U8

Plugs & Receptacles



U9-U10

Floor Boxes



U10

Wallplates



U11-U25



Fig 1



Fig 2

- ▶ Toggle Switch
- ▶ Back & Side Wired
- ▶ Made of GE Lexan, Zinc Plated Steel Mounting Strap
- ▶ Accepts #12 or #14 Stranded or Solid Copper (Push-In #14 Solid Only)
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large head Captive Combination Screws for quick wiring
- ▶ Easy-Access Green Hex-Head Ground Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F



Fig 3



Fig 4

Amps	Voltage	Color	Residential Grade	Commercial Grade	Figure	Box Qty	Case Qty
Single Pole							
15	120/277	Ivory	82010		1	10	200
		White	82011		1	10	200
		Brown	82012		1	10	200
		Almond	82013		1	10	200
20	120/277	Ivory		82020	2	10	200
		White		82021	2	10	200
Single Pole - No Mounting Ears							
15	120/277	Black	82048		3	10	200
Single Pole - (Lit When Switch is Off)							
15	120/277	Clear	82045		4	10	200
3-Way							
15	120/277	Ivory	82030		1	10	200
		White	82031		1	10	200
		Brown	82032		1	10	200
		Almond	82033		1	10	200
20	120/277	Ivory		82025	2	10	200
		White		82026	2	10	200
3-Way- (Lit When Switch is Off)							
15	120/277	Clear	82046		4		
4-Way							
15	120/277	Ivory	82040		1	10	200
		White	82041		1	10	200

Toggle Switches - Combinations



Fig 1



Fig 2



Fig 3

Amps	Voltage	Color	Residential Grade	Figure	Box Qty	Case Qty
Single Pole - Double Switch						
15	120/277	Ivory	82090	1	10	200
		White	82091	1	10	200
Single Pole - Switch & Receptacle						
15	120/277	Ivory	82175	2	10	200
		White	82176	2	10	200
Single Pole - Switch & Pilot Light						
15	120/277	Ivory	82095	3	10	200
		White	82096	3	10	200

Decorative Switches



- ▶ Smooth Quiet Paddle Action
- ▶ Back & Side Wired
- ▶ Made of GE Lexan
- ▶ Accepts #12 or #14 Stranded or Solid Copper (Push-In #14 Solid Only)
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large head Captive Tri-Combo Screws for quick wiring
- ▶ Easy-Access Green Hex-Head Ground Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Wallplate Not Included

Amps	Voltage	Color	Residential Grade	Commercial Grade	Box Qty	Case Qty
Single Pole						
15	120/277	Ivory	82050		10	200
		White	82051		10	200
		Brown	82052		10	200
		Almond	82053		10	200
20	120/277	Ivory		82080	10	200
		White		82081	10	200
Single Pole - Lighted (When Switch Off)						
15	120/277	Ivory	82285		10	200
		White	82286		10	200
3-Way						
15	120/277	Ivory	82060		10	200
		White	82061		10	200
		Brown	82062		10	200
		Almond	82063		10	200
3-Way Lighted						
15	120/277	Ivory	82290		10	200
		White	82291		10	200
4-Way						
15	120/277	Ivory	82070		10	200
		White	82071		10	200
Momentary Contact (Garbage Disposal)						
15	120/277 SPDT On-Off-(On)	Ivory	82100		10	200
		White	82101		10	200
		Almond	82103		10	200

Decorative Switches - Combinations



Fig 1



Fig 2



Fig 3

- ▶ Elegant design provides multiple controls in a single gang wall box
- ▶ All devices have ground terminals
- ▶ Fits most standard wall boxes

Amps	Voltage	Color	Commercial Grade	Figure	Box Qty	Case Qty
Triple Rocker Switch 15 Amp Push-In only 120/277V AC						
15	120/277	Ivory	81970	1	10	200
		White	81971	1	10	200
		Almond	81973	1	10	200
Double Rocker Switch 15 Amp Side Wired Only 120/277V AC						
15	120/277	Ivory	81980	2	10	200
		White	81981	2	10	200
		Almond	81983	2	10	200
Single Pole Switch/Receptacle 15 Amp 120V Switch 15 Amp 125V Receptacle						
15	120	Ivory	81990	3	10	200
		White	81991	3	10	200
		Almond	81993	3	10	200



Residential



Commercial



Industrial



Industrial Single

- ▶ Duplex Receptacle
- ▶ Green Hex-Head Ground Screw
- ▶ 2 Pole 3 Wire
- ▶ UL 94V-2 Flame Rating
- ▶ Back & Side Wired
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Made of GE Lexan, Steel Mounting Strap
- ▶ Accepts #12 or #14 Stranded or Solid CU (Push-In #14 Solid Only)
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large Head Captive Tri-Combination Screws

Amps	Voltage	Color	Residential Grade	Commercial Grade	Industrial Grade	Industrial Grade Single Receptacle	Box Qty	Case Qty
15 Amp 125V 5-15R								
15	125	Ivory	82120	82140	82195	82135	10	200
		White	82121	82141	82196	82136	10	200
		Brown	82122	82142			10	200
		Almond	82123				10	200
15 Amp 250V 6-15R								
15	250	Ivory			82200	82240	10	200
		White			82201	82241	10	200
20 Amp 125V 5-20R								
20	125	Ivory		82150	82130	82155	10	200
		White		82151	82131	82156	10	200
		Brown		82152			10	200
		Almond		82153			10	200
20 Amp 250V 6-20R								
20	250	Ivory			82205	82245	10	200
		White			82206	82246	10	200

Hospital Grade/Isolated Ground Duplex Receptacles



Hospital Grade



Isolated Ground

- ▶ 2 Pole 3 Wire
- ▶ Back & Side Wired
- ▶ Made of GE Lexan
- ▶ Steel Mounting Strap
- ▶ 4 Corner Latches Secure Face
- ▶ Washer Type Break Off Plaster Ears
- ▶ Brass Strap Self Grounding Clip
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Accepts #10 to #14 Stranded or Solid CU
- ▶ Touch Proof Side Barriers
- ▶ Large Head Captive Tri-Combo Screws

Amps	Voltage	Color	Isolated Ground	Hospital Grade	Box Qty	Case Qty
15 Amp 125V 5-15R						
15	125	Ivory	82225	82250	10	200
		White	82226	82251	10	200
		Orange	82228		10	200
		Red		82253	10	200
15 Amp 250V 6-15R						
15	250	Ivory	82230	82255	10	200
		White	82231	82256	10	200
		Orange	82233		10	200
		Red		82258	10	200
20 Amp 125V 5-20R						
20	125	Ivory	82160	82170	10	200
		White	82161	82171	10	200
		Orange	82164		10	200
		Red		82173	10	200
20 Amp 250V 6-20R						
20	250	Ivory	82235	82260	10	200
		White	82236	82261	10	200
		Orange	82238		10	200
		Red		82263	10	200

Tamper Resistant Duplex Receptacles



MORRIS

- ▶ 2 Pole 3 Wire
- ▶ Back & Side Wired
- ▶ Made of GE Lexan, Steel Mounting Strap
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large Head Captive Tri-Combination Screws
- ▶ Built-in Protective Shutter Mechanism Designed to Prevent Insertion of Foreign Objects
- ▶ Clear Visible "TR" marking on Face
- ▶ Green Hex-Head Ground Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Accepts #12 or #14 Stranded or Solid CU (Push-In #14 Solid Only)

Residential



Commercial



Single



Amps	Voltage	Color	Residential Grade	Commercial Grade	Commercial Grade Single Receptacle	Box Qty	Case Qty
15 Amp 125V 5-15R							
15	125	Ivory	81950	82435	82510	10	200
		White	81951	82436	82511	10	200
		Almond	81953			10	200
20 Amp 125V 5-20R							
20	125	Ivory		82440	82455	10	200
		White		82441	82456	10	200
		Brown			82457	10	200

Tamper Resistant Isolated Ground Duplex Receptacles



- ▶ 2 Pole 3 Wire
- ▶ Back & Side Wired
- ▶ Made of GE Lexan
- ▶ Steel Mounting Strap
- ▶ 4 Corner Latches Secure Face
- ▶ Washer Type Break Off Plaster Ears
- ▶ Brass Strap Self Grounding Clip
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Accepts #10 to #14 Stranded or Solid CU
- ▶ Touch Proof Side Barriers
- ▶ Large Head Captive Tri-Combo Screws



Amps	Voltage	Color	Isolated Ground	Box Qty	Case Qty
15 Amp 125V 5-15R					
15	125	Ivory	82445	10	200
		White	82446	10	200
		Orange	82449	10	200
20 Amp 125V 5-20R					
20	125	Ivory	82450	10	200
		White	82451	10	200
		Orange	82454	10	200

Tamper & Weather Resistant Duplex Receptacles



Complies with 2011 NEC Article 406.9 that states that all receptacles installed in wet & damp locations must be weather resistant. "WR" designations provide visual identification. Weather Resistant Receptacles offer protection from rain, snow, ice, moisture, & humidity when properly installed in an approved weather protective or while-in-use cover. Combine WR receptacles with any of our While-in-Use Covers.

- ▶ 2 Pole 3 Wire
- ▶ Back & Side Wired
- ▶ Made of GE Lexan, Steel Mounting Strap
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large Head Captive Tri-Combination Screws
- ▶ Green Hex-Head Ground Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Accepts #12 or #14 Stranded or Solid CU (Push-In #14 Solid Only)



Amps	Voltage	Color	Commercial Grade	Box Qty	Case Qty
15 Amp 125V 5-15R					
15	125	Ivory	82500	10	200
		White	82501	10	200
		Brown	82502	10	200
20 Amp 125V 5-20R					
20	125	Ivory	82505	10	200
		White	82506	10	200
		Brown	82507	10	200

Receptacles
Wiring Devices

U4

Decorative Receptacles



- ▶ 2 Pole 3 Wire
- ▶ Back & Side Wired
- ▶ Made of GE Lexan, Steel Mounting Strap
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large Head Captive Tri-Combination Screws
- ▶ Green Hex-Head Ground Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Accepts #12 or #14 Stranded or Solid CU (Push-In #14 Solid Only)

Amps	Voltage	Color	Residential Grade	Figure	Box Qty	Case Qty
15 Amp 125V 5-15R						
15	125	Ivory	82015	1	10	200
		White	82016	1	10	200
		Brown	82017	1	10	200
		Almond	82018	1	10	200

Industrial Grade Decorative Receptacles



- ▶ 2 Pole 3 Wire 5-15R
- ▶ Back & Side Wired
- ▶ Made of GE Lexan, Steel Mounting Strap
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large Head Captive Tri-Combination Screws
- ▶ Dual Ground Self Ground Clip/Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F
- ▶ Accepts #12 or #14 Stranded or Solid CU (Push-In #14 Solid Only)

Amps	Voltage	Color	Industrial Grade	Box Qty	Case Qty
15 Amp 125V 5-15R					
15	125	Ivory	82210	10	200
		White	82211	10	200
15 Amp 250V 6-15R					
15	250	Ivory	82215	10	200
		White	82216	10	200
20 Amp 125 V 5-20R					
20	125	Ivory	82180	10	200
		White	82181	10	200
20 Amp 250V 6-20R					
20	250	Ivory	82220	10	200
		White	82221	10	200

Hospital Grade Decorative Receptacles



- ▶ Hospital Grade Decorative Receptacle
- ▶ Protect Sensitive Electronic Equipment and Eliminate Electromagnetic interference by Providing Separate Path to Ground
- ▶ Back and Side Wired
- ▶ 2 Pole 3 Wire 5-15R
- ▶ Unique Screw Terminal Guards Provide Fast, Easy Installation
- ▶ Isolated Ground
- ▶ Washer Type Break Off Plaster Ears
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F

Amps	Voltage	Color	Hospital Grade	Box Qty	Case Qty
15 Amp 125V 5-15R					
15	125	Ivory	81910	10	200
		White	81911	10	200
		Orange	81914	10	200
15 Amp 250V 6-15R					
15	250	Ivory	81920	10	200
		White	81921	10	200
		Orange	81924	10	200
20 Amp 125V 5-20R					
20	125	Ivory	81915	10	200
		White	81916	10	200
		Orange	81919	10	200
20 Amp 250V 6-20R					
20	250	Ivory	81925	10	200
		White	81926	10	200
		Orange	81929	10	200

Tamper Resistant Decorative Receptacles



MORRIS



Fig 1



Fig 2



Fig 3

- ▶ Decorative Receptacle - Tamper Resistant
- ▶ Built-In Protective Shutter Mechanism Prevents Insertion of Foreign Objects - Clearly Visible TR Marking On Face
- ▶ Back & Side Wired
- ▶ Made of GE Lexan, Zinc Plated Steel Mounting Strap
- ▶ Accepts #12 or #14 Stranded or Solid Copper (Push-In #14 Solid Only)
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large head Captive Combination Screws for quick wiring
- ▶ Easy-Access Green Hex-Head Ground Screw
- ▶ UL 94V-2 Flame Rating
- ▶ Temperature Rating: -40°F to 167°F

Receptacles
Wiring Devices

U6



Fig 4

Amps	Voltage	Color	Residential Grade	Commercial Grade	Isolated Ground	Figure	Box Qty	Case Qty
15 Amp 125V 5-15R								
15	125	Ivory	81960	82465		1	10	200
		White	81961	82466		1	10	200
		Almond	81963			1	10	200
20 Amp 125V 5-20R								
20	125	Ivory		82470		2	10	200
		White		82471		2	10	200
15 Amp 125V 5-15R								
15	125	Ivory			82475	3	10	200
		White			82476	3	10	200
		Orange			82479	3	10	200
20 Amp 125V 5-20R								
20	125	Ivory			82480	4	10	200
		White			82481	4	10	200
		Orange			82484	4	10	200

USB Chargers & Tamper Resistant Decorative Receptacles



Fig 1

- ▶ Decorative Receptacle with USB Charging Ports Tamper Resistant
- ▶ 4 Amps - 5 VDC
- ▶ Compatible with USB 1.1/2.0/3.0 Devices
- ▶ Built-In Protective Shutter Mechanism prevents Insertion Of Foreign Objects
- ▶ Clearly Visible TR Marking On Face
- ▶ Accepts #12 or #14 Stranded or Solid Copper (Push-In #10 to #14 Solid Only)
- ▶ Washer Type Break Off Plaster Ears
- ▶ Large head Captive Combination Screws
- ▶ Easy-Access Green Hex-Head Ground Screw
- ▶ Zinc Plated Steel Mounting Strap
- ▶ Back & Side Wired
- ▶ Made of GE Lexan
- ▶ UL 94 V2 Flame Rating
- ▶ Temperature Rating: -4°F to 140°F
- ▶ ETL listed

RAPID CHARGE
4 Amp 5V DC



Fig 2

Amps	Voltage	Color	Cat. No.	Figure	Box Qty	Case Qty
2 USB Ports w/ Decorative Receptacle						
15	125	Ivory	82370	1	10	200
		White	82371	1	10	200
20	125	Ivory	82375	1	10	200
		White	82376	1	10	200
4 USB Ports Only						
20	125	Ivory	82380	2	10	200
		White	82381	2	10	200



- ▶ 2-pole, 3-wire grounding
- ▶ 125V AC only
- ▶ 20A feed-through
- ▶ Response Time 1/40 of a second
- ▶ Response Threshold 4-6 ma Current Leakage
- ▶ LED Indicator Light
- ▶ Test/Reset Buttons
- ▶ Back & Side Wiring
- ▶ Green hex Head Ground Screw
- ▶ Impact Resistant ThermoPlastic Housing
- ▶ Wall Plate Included
- ▶ UL 94V-2 Flame Rating
- ▶ Meets or Exceeds UL 943 Class A & 498
- ▶ Complies with NEC 2008 406.11

Cat. No.	Color	Box Qty	Case Qty
15 Amps (20 Amp Feed-Thru)			
82331	White	1	50
82333	Lt Almond	1	50
82334	Black	1	50
20 Amps (20 Amp Feed-Thru)			
82342	Brown	1	50
82344	Black	1	50

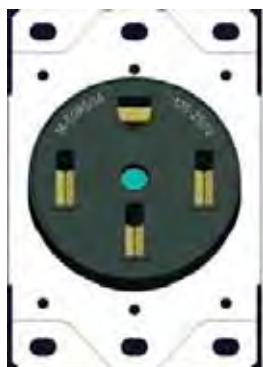
Flush Dryer Receptacles



- ▶ Dryer Receptacle
- ▶ Single Gang
- ▶ 30 Amp
- ▶ 4 Wire
- ▶ 125/250 Volt

Cat. No.	Color	Box Qty	Case Qty
82521	White	10	200
82522	Black	10	200

Flush Stove/Range Receptacle



- ▶ Range Receptacle
- ▶ Single Gang
- ▶ 50 Amp
- ▶ 4 Wire
- ▶ 125/250 Volt

Cat. No.	Color	Box Qty	Case Qty
82526	Black	10	200

Pull Chain Lampholders



Medium Base Incandescent
Brass Dipped Aluminum
250W 250V

Cat. No.	Type	Bag Qty
45200	On-off	10
45203	3-Way	10

Keyless Lampholder



Medium Base Incandescent
Brass Dipped Aluminum
660W 250V

Cat. No.	Bag Qty
45205	10

Push Thru Lampholder



Medium Base Incandescent
Brass Dipped Aluminum
660W 250V

Cat. No.	Type	Bag Qty
45210	On-off	10

Turn Knob Lampholders



Medium Base Incandescent
Brass Dipped Aluminum
250W 250V

Cat. No.	Type	Bag Qty
45215	On-off	10
45220	3-Way	10

T-8 Low Profile Lampholder



Medium Bi-Pin Fluorescent
Slide-On with Captive Nut
Push Wire Terminations
Non-Shunted
660W 600V

Cat. No.	Bag Qty
45225	10

T-8 Tall Profile Lampholder



Medium Bi-Pin Fluorescent
Slide-On with Captive Nut
Push Wire Terminations
Non-Shunted
660W 600V

Cat. No.	Bag Qty
45226	10

Single Pin Lampholders



Slimline Fluorescent
Pedestal Type Lamp Fa8
Slide-On Base
Push Wire Terminations
660W 1000V

Cat. No.	Type	Bag Qty
45232	Plunger	10
45233	Fixed	10

High Output Lampholders



High Output Fluorescent
Pedestal Type Lamp R17d
Slide-On Base
Push Wire Terminations
660W 1000V

Cat. No.	Type	Bag Qty
45234	Plunger	10
45235	Fixed	10

Snap-In Cabinet Devices



- ▶ 3-Wire Grounding Polarized Receptacle
- ▶ 15A 125V
- ▶ 18 Awg 105°C 6" Leads
- ▶ Flammability Rating: UL 94V-2
- ▶ Operating Temperature: -25°C to 60°C
- ▶ Single gang



Cat. No.	Color	Box Qty	Case Qty
45251	White	25	200
45252	Black	25	200

- ▶ Rugged Nylon/Polycarbonate Construction resists impact, abrasion, sunlight & chemicals
- ▶ Grooved Housing for enhanced grip
- ▶ All contacts are solid one-piece brass for superior conductivity and reduced heat rise
- ▶ Heavy duty power contacts set in deep pockets to resist damage
- ▶ Heavy duty brass combo head terminal screws
- ▶ Clear terminal chamber allows for visual inspection of terminals
- ▶ Cord strain relief and rubber grommet to seal from environment
- ▶ Includes grounding screw

2 Pole 3 Wire



Fig 1

Fig 2

3 Pole 4 Wire



Fig 3

Fig 4

Cat. No.	Male/Female	Figure	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89729	Male	1	15	125	L5-15P	50	200
89730	Female	2	15	125	L5-15R	50	200
89731	Male	1	15	250	L6-15P	50	200
89732	Female	2	15	250	L6-15R	50	200
89733	Male	1	20	125	L5-20P	10	100
89734	Female	2	20	125	L5-20R	10	100
89746	Male	1	20	250	L6-20P	10	100
89747	Female	2	20	250	L6-20R	10	100
89748	Male	1	30	125	L5-30P	10	100
89749	Female	2	30	125	L5-30R	10	100
89750	Male	1	30	250	L6-30P	10	100
89751	Female	2	30	250	L6-30R	10	100

Cat. No.	Male/Female	Figure	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89752	Male	3	20	125/250	L14-20P	10	100
89754	Female	4	20	125/250	L14-20R	10	100
89755	Male	3	20	250	L15-20P	10	100
89757	Female	4	20	250	L15-20R	10	100
89756	Male	3	30	125/250	L14-30P	10	100
89758	Female	4	30	125/250	L14-30R	10	100
89760	Male	3	30	250	L15-30P	10	100
89761	Female	4	30	250	L15-30R	10	100

Straight Blade Plugs and Receptacles

2 Pole 3 Wire



Fig 1

Fig 2

- ▶ Rugged Nylon Construction resists impact, abrasion, sunlight & chemicals
- ▶ Grooved Housing for Enhanced Grip
- ▶ All contacts are solid one-piece brass for Superior Conductivity and Reduced Heat Rise
- ▶ Heavy duty contacts set in deep pockets to resist damage
- ▶ Heavy duty brass combo head terminal screws
- ▶ Clear terminal chamber allows for visual inspection of terminals
- ▶ Cord strain relief and rubber grommet to seal from environment
- ▶ Includes grounding screw

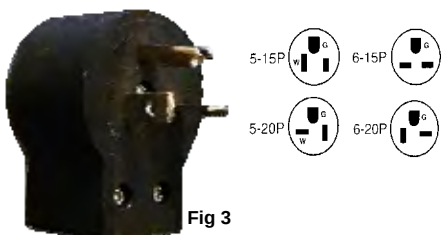


Fig 3

Cat. No.	Male/Female	Figure	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89612	Male	1	15	125	5-15P	50	200
89613	Female	2	15	125	5-15R	50	200
89614	Male	1	20	125	5-20P	50	200
89615	Female	2	20	125	5-20R	50	200
89616	Male	1	15	250	6-15P	50	200
89617	Female	2	15	250	6-15R	50	200
89618	Male	1	20	250	6-20P	50	200
89619	Female	2	20	250	6-20R	50	200

Right Angle Plugs

Cat. No.	Male/Female	Figure	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89632	Male	3	15	125	5-15P	10	200
89634	Male	3	20	125	5-20P	10	200
89636	Male	3	15	250	6-15P	10	200
89638	Male	3	20	250	6-20P	10	200

Twist Lock Wall Mount Receptacles



- ▶ Rugged Phenolic Cover with PBT (Polybutylene Terephthalate) Base construction resists impact, sunlight, chemicals and rough use
- ▶ Contacts are solid one-piece brass for superior conductivity & reduced heat rise
- ▶ Heavy Duty Power Contacts set in deep pockets to resist damage
- ▶ Heavy Duty Brass Combo Head terminal screws, Flush Mount Design



2 Pole 3 Wire

Cat. No.	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89736	15	125	L5-15R	50	200
89737	15	250	L6-15R	50	200



2 Pole 3 Wire

Cat. No.	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89739	20	125	L5-20R	50	200
89738	20	250	L6-20R	50	200
89740	30	125	L5-30R	50	200
89741	30	250	L6-30R	50	200



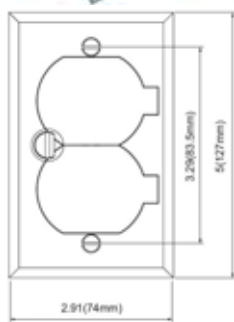
3 Pole 4 Wire

Cat. No.	Amps	Volts	NEMA#	Box Qty	Master Box Qty
89742	20	125/250	L14-20R	50	200
89743	20	250	L15-20R	50	200
89744	30	125/250	L14-30R	50	200
89745	30	250	L15-30R	50	200

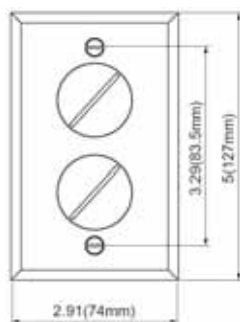
Residential Floor Boxes



- ▶ Heavy duty Brass or Nickel Plated Brass covers
- ▶ Junction Box, duplex receptacle & rubber gasketed cover included
- ▶ Corrosion resistant hardware and watertight gasket assure long life and reliability
- ▶ Good for tile and carpet applications
- ▶ 1/2" Conduit Knockouts
- ▶ Fits manufacturer's 3-1/2" deep switch box
- ▶ Can accommodate data-communications inserts
- ▶ Boxes comply with NEMA WD1-1983
- ▶ Includes 15A 125V White Receptacle
- ▶ UL 351B & UL 498 listed receptacles



84000 - 84001



84002 - 84003

Cat. No.	Cover Material	Inner Box	Outer Box
Hinged Lid Duplex Floor Box Assembly			
84000	Brass	1	20
84001	Nickel Plated Brass	1	20
Screw Lid Duplex Floor Box Assembly			
84002	Brass	1	20
84003	Nickel Plated Brass	1	20

Wallplate Dimensions:

Standard Plates:

- 1 Gang - 2-1/2" x 4-1/2"
- 2 Gang - 4-1/2" x 4-1/2"
- 3 Gang - 4-1/2" x 6-3/8"
- 4 Gang - 4-1/2" x 8-3/8"
- 5 Gang - 4-1/2" x 10"
- 6 Gang - 4-1/2" x 11-3/4"

Mid-Size Plates:

- 3-1/8" x 4-7/8"
- 4-7/8" x 5"
- 4-7/8" x 6-3/4"
- 4-7/8" x 8-5/8"
- 4-7/8" x 10-3/8"
- 4-7/8" x 12-1/4"

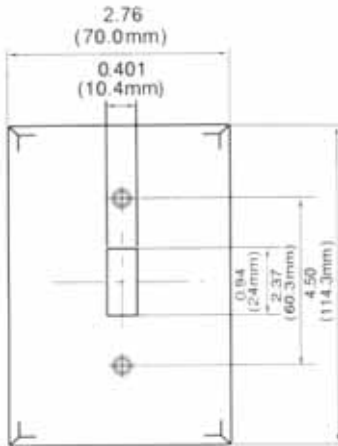
Princess Mid-Size:

- 3-1/2" x 5"
- 4-9/16" x 5"

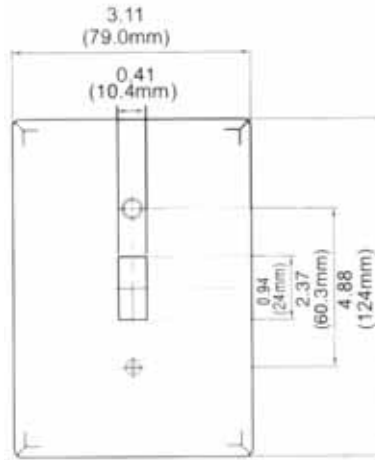
Over-Size:

- 3-1/2" x 5-1/2"

Standard



Mid-size



Over-size



Wiring Devices - NEMA Configuration Chart

Straight Blade Style NEMA Configurations					
2-Pole 3-Wire Grounding	Voltage	NEMA #	15 Amp	20 Amp	30 Amp
			Receptacle/Plug	Receptacle/Plug	Receptacle/Plug
	120V	5			
	250V	6			
Locking Style NEMA Configurations					
2-Pole 3-Wire Grounding	Voltage	NEMA #	15 Amp	20 Amp	30 Amp
			Receptacle/Plug	Receptacle/Plug	Receptacle/Plug
	120V	L5			
	250V	L6			
3-Pole 4-Wire Grounding	120/208V AC	L14			
	208/240V AC	L15			

1 Gang Toggle Switch Wallplates



LEXAN	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Ivory	81010	81710		81810	25	200
White	81011	81711		81811	25	200
Brown	81012	81712		81812	25	200
Almond	81013	81713		81813	25	200
PAINTED STEEL	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Ivory	83013		83623	83723	25	200
White	83012		83622		25	200
430 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Stainless Steel	83010	83681	83620	83720	25	100
304 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Stainless Steel	83811	83872		83882	25	100



Wallplates
Wiring Devices

2 Gang Toggle Switch Wallplates



U12

LEXAN	Standard	Mid-Size	Princess Mid-Size	Box Qty	Case Qty
Ivory	81020	81750		25	200
White	81021	81751		25	200
Brown	81022	81752		25	200
Almond	81023	81753		25	200
PAINTED STEEL	Standard	Mid-Size	Princess Mid-Size	Box Qty	Case Qty
Ivory	83023		83663	25	100
White	83022		83662	25	100
430 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Box Qty	Case Qty
Stainless Steel	83020		83660	10	100
304 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Box Qty	Case Qty
Stainless Steel	83812			10	100



3 Gang Toggle Switch Wallplates



LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81030	81755	10	200
White	81031	81756	10	200
Brown	81032		10	200
Almond	81033		10	200
PAINTED STEEL	Standard	Mid -Size	Box Qty	Case Qty
Ivory	83033		10	100
White	83032		10	100
430 STAINLESS	Standard	Mid -Size	Box Qty	Case Qty
Stainless Steel	83030		10	100
304 STAINLESS	Standard	Mid -Size	Box Qty	Case Qty
Stainless Steel	83813		10	100



4 Gang Toggle Switch Wallplates



LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81040	81758	10	200
White	81041	81759	10	200
Brown	81042		10	200
Almond	81043		10	200
PAINTED STEEL	Standard	Mid-Size	Box Qty	Case Qty
Ivory	83043		10	100
White	83042		10	100
430 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83040		10	100
304 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83814		10	100

5 Gang Toggle Switch Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81050	10	200
White	81051	10	200
Brown	81052	10	200
Almond	81053	10	200

6 Gang Toggle Switch Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81060	10	200
White	81061	10	200
Brown	81062	10	200
Almond	81063	10	200

1 Gang Decorative/GFCI Wallplates



LEXAN	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Ivory	81110	81720		81820	25	200
White	81111	81721		81821	25	200
Brown	81112	81722		81822	25	200
Almond	81113	81723		81823	25	200
PAINTED STEEL	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Ivory	83113		83643	83743	25	200
White	83112		83642		25	200
430 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Stainless Steel	83110	83683	83640	83740	25	100
304 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Stainless Steel	83821	83874		83884	25	100



Wallplates
Wiring Devices

2 Gang Decorative/GFCI Wallplates



U14

LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81120	81770	25	200
White	81121	81771	25	200
Brown	81122	81772	25	200
Almond	81123	81773	25	200
PAINTED STEEL	Standard	Mid-Size	Box Qty	Case Qty
Ivory	83123		25	100
White	83122		25	100
430 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83120		10	100
304 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83822		10	100



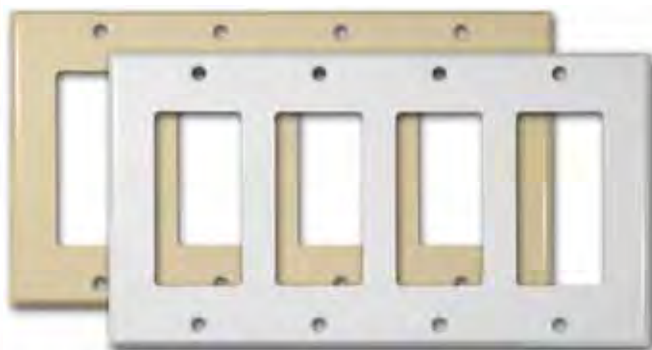
3 Gang Decorative/GFCI Wallplates



LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81130	81775	10	200
White	81131	81776	10	200
Brown	81132		10	200
Almond	81133		10	200
PAINTED STEEL	Standard	Mid -Size	Box Qty	Case Qty
Ivory	83133		10	100
White	83132		10	100
430 STAINLESS	Standard	Mid -Size	Box Qty	Case Qty
Stainless Steel	83130		10	100
304 STAINLESS	Standard	Mid -Size	Box Qty	Case Qty
Stainless Steel	83823		10	100



4 Gang Decorative/GFCI Wallplates



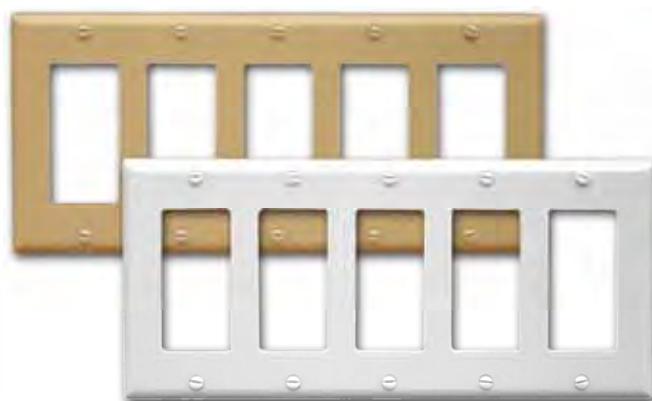
LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81140	81778	10	200
White	81141	81779	10	200
Brown	81142		10	200
Almond	81143		10	200

PAINTED STEEL	Standard	Mid -Size	Box Qty	Case Qty
Ivory	83143		10	100
White	83142		10	100

430 STAINLESS	Standard	Mid -Size	Box Qty	Case Qty
Stainless Steel	83140		10	100

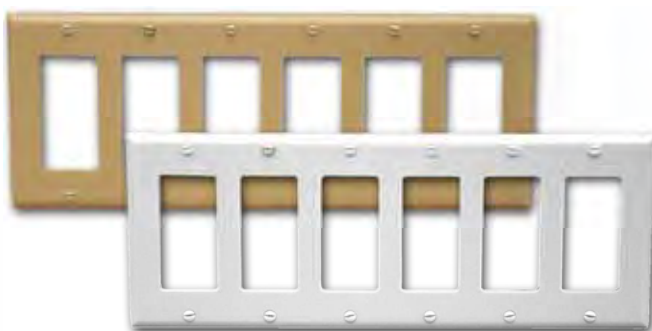
304 STAINLESS	Standard	Mid -Size	Box Qty	Case Qty
Stainless Steel	83824		10	100

5 Gang Decorative/GFCI Wallplates



LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81150	81780	10	200
White	81151	81781	10	200
Brown	81152		10	200
Almond	81153		10	200

6 Gang Decorative/GFCI Wallplates



LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81160	81785	10	200
White	81161	81786	10	200
Brown	81162		10	200
Almond	81163		10	200

1 Gang Duplex Receptacle Wallplates



LEXAN	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Ivory	81410	81730		81830	25	200
White	81411	81731		81831	25	200
Brown	81412	81732		81832	25	200
Almond	81413	81733		81833	25	200
PAINTED STEEL	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Ivory	83213			83733	25	100
White	83212		83632		25	100
430 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Stainless Steel	83210	83682	83630	83730	25	100
304 STAINLESS	Standard	Mid-Size	Princess Mid-Size	Over-Size	Box Qty	Case Qty
Stainless Steel	83831	83873		83883	25	100



Wallplates
Wiring Devices

2 Gang Duplex Receptacle Wallplates



U16

LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81420	81760	25	200
White	81421	81761	25	200
Brown	81422	81762	25	200
Almond	81423	81763	25	200
PAINTED STEEL	Standard	Mid-Size	Box Qty	Case Qty
Ivory	83223	81765	25	100
White	83222	81766	25	100
430 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83220		25	100
304 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83832		10	100



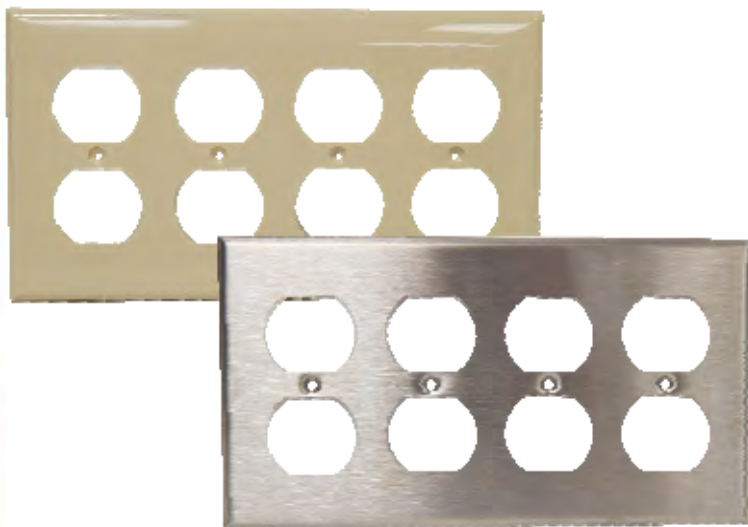
3 Gang Duplex Receptacle Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81430	10	200
White	81431	10	200
Brown	81432	10	200
Almond	81433	10	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83233	10	100
White	83232	10	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83230	10	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83833	10	100



4 Gang Duplex Receptacle Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81440	10	200
White	81441	10	200
Brown	81442	10	200
Almond	81443	10	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83243	10	100
White	83242	10	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83240	10	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83834	10	100

1 Gang Blank Wallplates



LEXAN	Standard	Mid-Size	Princess Mid-size	Over-Size	Box Qty	Case Qty
Ivory	81510	81740		81840	25	200
White	81511	81741		81841	25	200
Brown	81512	81742		81842	25	200
Almond	81513	81743		81843	25	200
PAINTED STEEL	Standard	Mid-Size	Princess Mid-size	Over-Size	Box Qty	Case Qty
Ivory	83313		83613	83713	25	100
White	83312		83612		25	100
430 STAINLESS	Standard	Mid-Size	Princess Mid-size	Over-Size	Box Qty	Case Qty
Stainless Steel	83310	83680	83610	83710	25	100
304 STAINLESS	Standard	Mid-Size	Princess Mid-size	Over-Size	Box Qty	Case Qty
Stainless Steel	83841	83871		83881	10	100

2 Gang Blank Wallplates

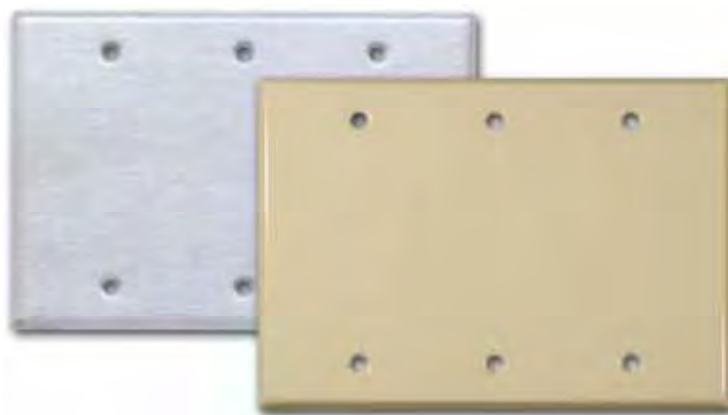


LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81520	81745	25	200
White	81521	81746	25	200
Brown	81522		25	200
Almond	81523		25	200
PAINTED STEEL	Standard	Mid-Size	Box Qty	Case Qty
Ivory	83323		10	100
White	83322		10	100
430 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83320		10	100
304 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83842		10	100

3 Gang Blank Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81530	10	200
White	81531	10	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83333	10	100
White	83332	10	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83330	10	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83843	10	100



4 Gang Blank Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81540	10	200
White	81541	10	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83343	10	100
White	83342	10	100
430 STAINLESS	430	Box Qty	Case Qty
Stainless Steel	83340	10	100
304 STAINLESS	304	Box Qty	Case Qty
Stainless Steel	83844	10	100



1 Gang Single Receptacle Wallplates



LEXAN	Standard	Princess Mid-Size	Over-Size	Hole Dia	Box Qty	Case Qty
Ivory	81610			1.406	25	200
White	81611			1.406	25	200
Brown	81612			1.406	25	200
Almond	81613			1.406	25	200
PAINTED STEEL	Standard	Princess Mid-Size	Over-Size	Hole Dia	Box Qty	Case Qty
Ivory	83448			1.620	25	200
White	83447			1.620	25	100
Ivory	83453	83653	83753	1.406	25	200
White	83452		83752	1.406	25	100
430 STAINLESS	Standard	Princess Mid-Size	Over-Size	Hole Dia	Box Qty	Case Qty
Stainless Steel	83445			1.620	25	200
Stainless Steel	83450	83650	83750	1.406	25	100
304 STAINLESS	Standard	Princess Mid-Size	Over-Size	Hole Dia	Box Qty	Case Qty
Stainless Steel	83854			1.620	25	100
Stainless Steel	83853			1.406	25	100



2 Gang 2 Single Receptacle Wallplates



LEXAN	Standard	Hole Dia	Box Qty	Case Qty
Ivory	81620	1.406	25	200
White	81621	1.406	25	200
Brown	81622	1.406	25	200
Almond	81623	1.406	25	200
PAINTED STEEL	Standard	Hole Dia	Box Qty	Case Qty
Ivory	83513	1.406	25	100
White	83512	1.406	25	100
430 STAINLESS	Standard	Hole Dia	Box Qty	Case Qty
Stainless Steel	83510	1.406	25	100
304 STAINLESS	Standard	Hole Dia	Box Qty	Case Qty
Stainless Steel	83855	1.406	10	100

1 Gang Cable Wallplates



LEXAN	Standard	Over-Size	Hole Dia.	Box Qty	Case Qty
Ivory	81630		.406	25	200
White	81631		.406	25	200
Brown	81632		.406	25	200
Almond	81633		.406	25	200
Ivory	81670		.625	25	200
White	81671		.625	25	200
Brown	81672		.625	25	200
Almond	81673		.625	25	200
PAINTED STEEL	Standard	Over-Size	Hole Dia.	Box Qty	Case Qty
Ivory	83458		.406	25	200
White	83457		.406	25	200
Ivory	83463	83763	.625	25	200
White	83462	83762	.625	25	200
Ivory	83468		.4375	25	200
White	83467		.4375	25	200
430 STAINLESS	Standard	Over-Size	Hole Dia.	Box Qty	Case Qty
Stainless Steel	83455		.406	25	200
Stainless Steel	83460	83760	.625	25	200
Stainless Steel	83465		.4375	25	200
304 STAINLESS	Standard	Over-Size	Hole Dia.	Box Qty	Case Qty
Stainless Steel	83851		.406	10	100
Stainless Steel	83852		.625	25	100

2 Gang Cable Wallplates

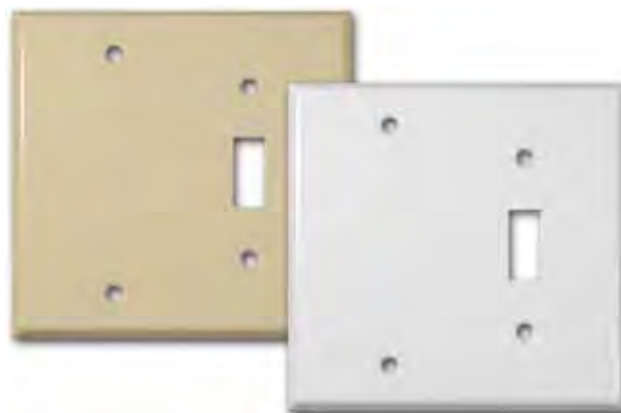


PAINTED STEEL	Standard	Hole Dia.	Box Qty	Case Qty
Ivory	83473	.625	25	100
White	83472	.625	25	100
Ivory	83478	.406	25	100
White	83477	.406	25	100
430 STAINLESS	Standard	Hole Dia.	Box Qty	Case Qty
Stainless Steel	83470	.625	25	100
Stainless Steel	83475	.406	25	100

2 Gang 1 Toggle, 1 Blank Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81210	25	200
White	81211	25	200
Brown	81212	25	200
Almond	81213	25	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83413	25	100
White	83412	25	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83410	25	100
340 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83858	10	100



Wallplates
Wiring Devices

2 Gang 1 GFCI, 1 Blank Wallplates



U20

LEXAN	Standard	Box Qty	Case Qty
Ivory	81220	25	200
White	81221	25	200
Brown	81222	25	200
Almond	81223	25	200
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83560	10	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83863	10	100



2 Gang 1 Blank, 1 Duplex Wallplates



LEXAN	Standard	Inner Qty	Outer Qty
Ivory	81230	25	200
White	81231	25	200
Brown	81232	25	200
Almond	81233	25	200
PAINTED STEEL	Standard	Inner Qty	Outer Qty
Ivory	83543	25	100
White	83542	25	100
430 STAINLESS	Standard	Inner Qty	Outer Qty
Stainless Steel	83540	10	100
304 STAINLESS	Standard	Inner Qty	Outer Qty
Stainless Steel	83862	10	100



2 Gang Toggle, GFCI Wallplates



LEXAN	Standard	Mid-Size	Box Qty	Case Qty
Ivory	81240	81790	25	200
White	81241	81791	25	200
Brown	81242		25	200
Almond	81243		25	200
PAINTED STEEL	Standard	Mid-Size	Box Qty	Case Qty
Ivory	83433		25	100
White	83432		25	100
430 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83430		25	100
304 STAINLESS	Standard	Mid-Size	Box Qty	Case Qty
Stainless Steel	83860		10	100

2 Gang Duplex, Toggle Wallplates



LEXAN	Standard	Princess Mid-Size	Box Qty	Case Qty
Ivory	81290		25	200
White	81291		25	200
Brown	81292		25	200
Almond	81293		25	200
PAINTED STEEL	Standard	Princess Mid-Size	Box Qty	Case Qty
Ivory	83423	83673	25	100
White	83422	83672	25	100
430 STAINLESS	Standard	Princess Mid-Size	Box Qty	Case Qty
Stainless Steel	83420	83670	25	100
304 STAINLESS	Standard	Princess Mid-Size	Box Qty	Case Qty
Stainless Steel	83859		10	100

2 Gang Decorative, Duplex Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81250	25	200
White	81251	25	200
Brown	81252	25	200
Almond	81253	25	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83443	25	100
White	83442	25	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83440	25	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83861	10	100

2 Gang Duplex, Single Receptacle Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81685	25	200
White	81686	25	200
Brown	81687	25	200
Almond	81688	25	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83553	25	100
White	83552	25	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83550	25	100



1.406" Diameter

Wallplates
Wiring Devices

3 Gang 2 Toggle, 1 GFCI Wallplates



U22

LEXAN	Standard	Box Qty	Case Qty
Ivory	81310	10	200
White	81311	10	200
Brown	81312	10	200
Almond	81313	10	200
PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83583	10	100
White	83582	10	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83580	10	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83864	10	100



3 Gang 1 Duplex, 2 Toggle Wallplates



LEXAN	Standard	Box Qty	Case Qty
Ivory	81260	10	200
White	81261	10	200
Brown	81262	10	200
Almond	81263	10	200



1 Gang Phone, Cable Wallplates



PAINTED STEEL	Standard	Hole Dia.	Box Qty	Case Qty
Ivory	83523	.374" & .177"	25	200
White	83522	.374" & .177"	25	200
430 STAINLESS	Standard	Hole Dia.	Box Qty	Case Qty
Stainless Steel	83520	.374" & .177"	25	200

1 Gang Range/Dryer Wallplates



2.125"
Diameter

PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83483	25	200
White	83482	25	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83480	25	200
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83856	25	100

2 Gang Range/Dryer Wallplates



2.125" Diameter

PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83488	25	100
White	83487	10	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83485	10	100
304 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83857	10	100

2 Gang Power Outlet Wallplates



PAINTED STEEL	Standard	Box Qty	Case Qty
Ivory	83508	25	100
430 STAINLESS	Standard	Box Qty	Case Qty
Stainless Steel	83505	25	100



2.125" Diameter

Wallplates
Wiring Devices

Decorative Screwless WallPlates

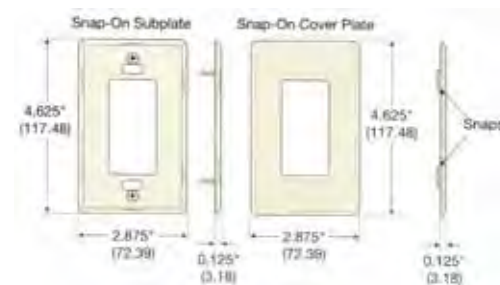


- ▶ Screwless Snap-In Design gives smooth finish without recessed lines
- ▶ Decorator-compatible two piece kit allows easy retrofit to any decorator installation
- ▶ Virtually unbreakable thermoplastic
- ▶ Easy to Snap-On
- ▶ Easy to clean & maintain attractive appearance



U24

Cat. No.	Gangs	Color	Box Qty	Case Qty
80900	1	Ivory	25	200
80901	1	White	25	200
80903	1	Almond	25	200
80905	2	Ivory	25	200
80906	2	White	25	200
80908	2	Almond	25	200
80910	3	Ivory	10	200
80911	3	White	10	200
80913	3	Almond	10	200
80915	4	Ivory	10	200
80916	4	White	10	200
80918	4	Almond	10	200
80920	5	Ivory	10	200
80921	5	White	10	200
80923	5	Almond	10	200



Emergency Metal Switch Plates



► Red with silk screened white letters

Cat. No.	Type	Size	Box Qty	Case Qty
83490	Oil	Utility	25	100
83491	Oil	1 Gang	25	100
83492	Oil	4" Raised	10	100
83495	Gas	Utility	25	100
83496	Gas	1 Gang	25	100
83497	Gas	4" Raised	10	100
83500	Emergency	Utility	25	100
83501	Emergency	1 Gang	25	100
83502	Emergency	4" Raised	10	100

Switch Guard



- Protect toggle switch handles and other devices from accidental actuation or damage
- NEMA Standard Mounting Hole Pattern

Cat. No.	Box Qty	Case Qty
83489	10	100



Lighting & Fan Speed Controls

- ▶ Occupancy Sensors V1-V2
- ▶ Dimmers V3
- ▶ Fan Speed Controls V4

Wall Mount Occupancy/Vacancy Sensor - PIR



- ▶ The Passive Infrared (PIR) Sensor detects motion by sensing the difference between body heat and ambient room temperature
- ▶ PIR Occupancy Sensor works best in offices, conference rooms and other commonly used areas without obstructions
- ▶ Vacancy Setting allows for Manual ON/Auto OFF Function
- ▶ Auto ON/OFF & Manual ON/Auto OFF
- ▶ 30Ft Range When Mounted 4Ft Height
- ▶ LED Indicator for visibility in darkened rooms
- ▶ Adjustable Light Level Sensitivity Settings
- ▶ Time Delay Off setting is adjustable from 5 Seconds to 30 minutes
- ▶ Removable Cover with mode settings and dip switch adjustments
- ▶ Decorator Wall Plate Included
- ▶ Polycarbonate
- ▶ Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- ▶ Conforms to California Title 24 Energy Code
- ▶ 60Hz
- ▶ **Neutral Required**

Cat. No.	Color	Switch Type	Switch Rating	Incandescent/Fluorescent Rating	Coverage	Voltage	Time Delay	Case Qty
80520	Ivory	Auto On/Off Manual On/Auto Off	Single Pole	800W @ 120V 1200W @ 277V	180°	120-277	5 Sec-30 Min	50
80521	White	Auto On/Off Manual On/Auto Off	Single Pole	800W @ 120V 1200W @ 277V	180°	120-277	5 Sec-30 Min	50
80540	White	Auto On/Off Manual On/Auto Off	Double Pole 3-Way	800W @ 120V 1200W @ 277V	180°	120-277	5 Sec-30 Min	50

Wall Mount Occupancy/Vacancy Sensor - No Neutral - PIR



- ▶ The Passive Infrared (PIR) Sensor detects motion by sensing the difference between body heat and ambient room temperature
- ▶ Wall switch works best in offices, conference rooms and other commonly used areas
- ▶ Vacancy Setting allows for Manual ON/Auto OFF Function
- ▶ Auto ON/OFF & Manual ON/Auto OFF
- ▶ 30Ft Range When Mounted 4Ft Height
- ▶ LED indicator for visibility in darkened rooms
- ▶ Adjustable Light Level Sensitivity Settings
- ▶ Time delay Off setting is adjustable from 5 Seconds to 30 minutes
- ▶ Removable Cover with mode settings and dip switch adjustments
- ▶ Decorator Wall Plate Included
- ▶ Polycarbonate
- ▶ Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- ▶ Conforms to California Title 24 Energy Code
- ▶ 60Hz
- ▶ **No Neutral Required**

Cat. No.	Color	Switch Type	Switch Configuration	Incandescent/Fluorescent Rating	Coverage	Voltage	Time Delay	Case Qty
80528	White	Auto On/Off Manual On/Auto Off	Single Pole	800W @ 120V 1200W @ 277V	180°	120-277	5 Sec - 30 Min	50
80532	White	On/Off Auto Manual On/Auto Off	Double Pole 3 Way	800W @ 120V 1200W @ 277V	180°	120-277	5 Sec - 30Min	50

Wall Mount Occupancy/Vacancy Sensor - Double Pole - PIR



- ▶ The Passive Infrared (PIR) sensor detects motion by sensing the difference between body heat and ambient room temperature
- ▶ Wall switch works best in offices, conference rooms and commonly used areas
- ▶ Vacancy Setting allows for Manual ON/Auto OFF Function
- ▶ LED indicator for visibility in darkened rooms
- ▶ 30Ft Range When Mounted 4Ft Height
- ▶ Adjustable Light Level Sensitivity Settings
- ▶ Time delay Off setting is adjustable from 5 Seconds to 30 minutes
- ▶ Removable Cover with mode settings and dip switch adjustments
- ▶ Decorator Wall Plate Included
- ▶ Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- ▶ Button 1: Manual On/Auto Off Button 2: Standby & OCC/VAC Selectable
- ▶ Conforms to California Title 24 Energy Code
- ▶ **Neutral Required**

Cat. No.	Color	Switch Type	Switch Configuration	Incandescent/Fluorescent Rating	Coverage	Voltage	Case Qty
80544	White	On/Off Auto Manual On/Auto Off	Double Pole	800W@ 120V	180°	120	50
80548	White	On/Off Auto Manual On/Auto Off	Double Pole 3 Way	800W @ 120V 1200W @ 277V	180°	120-277	50

Ceiling Sensor Switch - PIR



- ▶ The Passive Infrared (PIR) sensor detects motion by sensing the difference between body heat and ambient room temperature
- ▶ Adjustable Light Level Sensitivity Settings
- ▶ Auto ON/OFF
- ▶ Time delay Off setting is adjustable from 15 seconds to 30 minutes
- ▶ No ground required
- ▶ Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- ▶ Polycarbonate
- ▶ Conforms to California Title 24 Energy Code
- ▶ No Separate Power Pack Required

Cat. No.	Color	Incandescent/Fluorescent Rating	Coverage	Voltage	Case Qty
80552	White	800W@ 120V 1200W@ 277V	360° - 30Ft Height & 40Ft Diameter	120-277	50

High/Low Bay Occupancy Sensor - PIR



- ▶ The Passive Infrared (PIR) sensor detects motion by sensing the difference between body heat and ambient room temperature
- ▶ Adjustable Light Level Sensitivity Settings
- ▶ Time delay Off setting is adjustable from 15 seconds to 30 minutes
- ▶ No ground required
- ▶ Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- ▶ Polycarbonate
- ▶ Conforms to California Title 24 Energy Code
- ▶ No Separate Power Pack required

Cat. No.	Color	Incandescent/Fluorescent Rating	Coverage	Voltage	Case Qty
80556	Light Gray	800W@ 120V 1200W@ 277V	360° - 30Ft Height & 40Ft Diameter	120-277	50

Rotary Dimmer



- ▶ 600 Watt
- ▶ 120 Volt
- ▶ Single Pole & 3-Way
- ▶ Includes Wallplate

Cat. No.	Color	Case Qty
Single Pole (push on/off)		
82700	Ivory	10
82701	White	10
82703	Almond	10
Single Pole (turn off)		
82710	Ivory	10
82711	White	10
82713	Almond	10
3-Way (push on/off)		
82715	Ivory	10
82716	White	10
82718	Almond	10

Slide Dimmer



- ▶ 700 Watt
- ▶ Blister Pack
- ▶ Wallplate not included

Cat. No.	Color	Case Qty
Single Pole		
82720	Ivory	10
82721	White	10
82723	Almond	10

Slide Dimmer with Switch



- ▶ 700 Watt
- ▶ On/Off Switch
- ▶ Includes Wallplate
- ▶ Electronic Low Voltage
- ▶ Magnetic Low Voltage

Cat. No.	Color	Case Qty
Single Pole		
82750	Ivory	10
82751	White	10
82753	Almond	10
3-Way		
82755	Ivory	10
82756	White	10
82758	Almond	10

LED & Fluorescent Dimmer



- ▶ Compatible with most LED Fixtures
- ▶ Compatible with Fluorescent, CFL & Incandescent Fixtures
- ▶ 120VAC 600W
- ▶ On/Off Switch
- ▶ Includes Wallplate

Cat. No.	Color	Case Qty
Single Pole		
82740	Ivory	10
82741	White	10
82743	Almond	10
3-Way		
82745	Ivory	10
82746	White	10
82748	Almond	10

Touch Dimmer 600W Single Pole



- ▶ Provides fingertip ease of use & precise adjustment of lighting levels
- ▶ Simple one-touch for ON/OFF, touch & hold for BRIGHT/DIM lighting control
- ▶ Blister Pack
- ▶ Wallplate not included

Cat. No.	Color	Case Qty
82770	Ivory	10
82771	White	10
82773	Almond	10

Slide Variable Fan Speed & Light Controls



- ▶ Single Pole
- ▶ 120V
- ▶ Fully Variable Speed
- ▶ 2.5 Amp - Controls up To 2 Fans
- ▶ 300 Watt Light Load
- ▶ Suppresses Radio Frequency Interference (RFI)
- ▶ Includes Wallplate
- ▶ Individually boxed

Cat. No.	Color	Amps	Box Qty
82660	Ivory	2.5	10
82661	White	2.5	10
82663	Almond	2.5	10

Rotary Fan Speed Controls



Fig 1

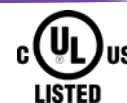


Fig 2

- ▶ Single Pole
- ▶ 120V AC Receptacle
- ▶ Rotary On/Off
- ▶ Suppresses Radio Frequency Interference (RFI)
- ▶ Includes Wallplate (except 3-Way 82620 & 82621)

Cat. No.	Fig	Color	Fans Controlled	Amps	Box Qty
Single Pole - 120V - 3 Speed - 2.5A					
82610	1	Ivory	2 Fans	2.5	10
82611	1	White	2 Fans	2.5	10
82613	1	Almond	2 Fans	2.5	10
Single Pole - 120V - Variable Speed 5 A					
82615	1	Ivory	3-5 Fans	5.0	10
82616	1	White	3-5 Fans	5.0	10
82618	1	Almond	3-5 Fans	5.0	10
3-Way - 4 Speed					
82620	2	Ivory	1 Fan	1.25	50
82621	2	White	1 Fan	1.25	50

Slide Variable Fan Speed Controls



- ▶ Single Pole
- ▶ 120V
- ▶ Fully Variable Speed
- ▶ 5 Amp - Controls up To 5 Fans
- ▶ Suppresses Radio Frequency Interference (RFI)
- ▶ Includes Wallplate

Cat. No.	Color	Amps	Box Qty
82650	Ivory	5	10
82651	White	5	10
82653	Almond	5	10

SECTION
W



Voice Datacom

CAT 6 & 5E Components



W1-W4

Home Networking



W5-W8

Splitters



W8-W9

F Connectors



W9

Coax Compression



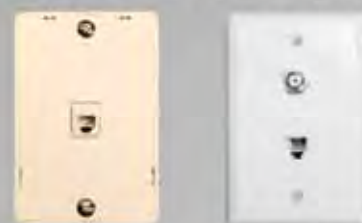
W10

HDMI



W11

Phone & Coax Jacks



W11-W13

25-Pair 66 Block



W14

IDC Connectors



W14

CAT 6 (RJ-45) Unshielded Keystone Jacks



- ▶ CAT 6 components provide better insertion loss, return loss, & NEXT & FEXT characteristics, resulting in higher signal to loss ratios and a more reliable network
- ▶ Complies with TIA/EIA-568-C-2, ISO 1801 2nd Edition Class E, NEC Article 800
- ▶ 10 Gbps
- ▶ 250 MHz Bandwidth
- ▶ 110 Punchdown & Krone Type Termination
- ▶ 8 Conductor 22-26 AWG Solid & Stranded Wire
- ▶ 568A & 568B Wiring - Color Coded
- ▶ 50u Gold Plated Contacts
- ▶ Flammability Rating: UL94V-0

Cat. No.	Color	Master Bag Qty
88420	Ivory	10
88421	White	10
88422	Blue	10
88423	Red	10
88424	Yellow	10
88425	Black	10
88426	Green	10
88427	Orange	10
88428	Lt. Almond	10

CAT 6 (RJ-45) Unshielded Keystone Jacks - Rear Entry



- ▶ Same Features as Standard CAT6 Jacks listed above
- ▶ Conductor Termination at Rear of Jack

Cat. No.	Color	Master Bag Qty
88030	Ivory	10
88031	White	10

CAT 6 (RJ-45) Unshielded Keystone Jacks - Toolless



- ▶ Same Features as Standard CAT6 110 Punchdown Series Jacks listed above
- ▶ No Punch Down Tool Required

Cat. No.	Color	Master Bag Qty
88012	Ivory	10
88013	White	10

CAT 6 High Density Patch Panels



- ▶ Complies with TIA/EIA-568-C-2, ISO 1801 2nd Edition Class E, NEC Article 800
- ▶ Fits all Standard 19" Racks, Brackets & Cabinets
- ▶ 110 Punchdown & Krone Type Termination
- ▶ 10 Gbps, 250 MHz Bandwidth
- ▶ 12 Port Patch Panel includes 89D Mounting Bracket

Cat. No.	Ports	Dimensions	Case Qty
88442	12 Port Patch Panel	H2.25" X W19" X D1.32"	25
88444	24 Port Patch Panel	H1.75" X W19" X D1.32"	25
88446	48 Port Patch Panel	H3.50" X W19" X D1.32"	5
88448	96 Port Patch Panel	H7.00" X W19" X D1.32"	10

CAT 6 UTP Patch Cords



- ▶ CAT 6 patch cords provide better insertion loss, return loss, & NEXT & FEXT characteristics, resulting in higher signal to loss ratios and a more reliable network
- ▶ Complies with TIA/EIA-568-C-2, ISO 1801 2nd Edition Class E, NEC Article 800
- ▶ 10Gbps, 250 MHz Bandwidth
- ▶ 2-RJ45 Gold Plated 50u 8P8C Plugs
- ▶ 24AWG 4 Pair Stranded Wire
- ▶ Color: White

Cat. No.	Length	Case Qty
88452	3'	300
88454	5'	200
88458	10'	120
88460	14'	100
88462	20'	80

CAT 5E (RJ-45) Unshielded Keystone Jacks



- ▶ Complies with TIA/EIA-568-A-5, ISO 1801 2nd Edition Class D, NEC Article 800
- ▶ 110 Punchdown & Krone Type Termination
- ▶ 8 Conductor 22-26 AWG Solid & Stranded Wire
- ▶ 1 Gbps Speed, 100 MHz Bandwidth
- ▶ 568A & 568B Wiring - Color Coded
- ▶ 50u Gold Plated Contacts
- ▶ Flammability Rating: UL94V-0

Cat. No.	Color	Master Bag Qty
88020	Ivory	10
88021	White	10
88022	Blue	10
88023	Red	10
88024	Yellow	10
88025	Black	10
88026	Green	10
88027	Orange	10
88028	Lt. Almond	10

CAT 5E (RJ-45) Unshielded Keystone Jacks - Rear Entry



- ▶ Same Features as Standard CAT5E Jacks listed above
- ▶ Conductor Termination at Rear of Jack

Cat. No.	Color	Master Bag Qty
88015	Ivory	10
88016	White	10

CAT 5E High Density Patch Panels



- ▶ Complies with TIA/EIA-568-A-5, ISO 1801 2nd Edition Class D, NEC Article 800
- ▶ Fits all Standard 19" Racks, Brackets & Cabinets
- ▶ 110 Punchdown & Krone Type Termination
- ▶ 1 Gbps, 100 MHz Bandwidth
- ▶ 12 Port Patch Panes includes 89D Mounting Bracket

Cat. No.	Ports	Dimensions	Case Qty
88042	12 Port Patch Panel	H2.25" X W19" X D1.32"	25
88044	24 Port Patch Panel	H1.75" X W19" X D1.32"	20
88046	48 Port Patch Panel	H3.50" X W19" X D1.32"	12

CAT 5E UTP Patch Cords



- ▶ Complies with TIA/EIA-568-A-5, ISO 1801 2nd Edition Class D, NEC Article 800
- ▶ 1 Gbps, 100 MHz Bandwidth
- ▶ 2-RJ45 Gold Plated 50u 8P8C Plugs
- ▶ 24 AWG 4 Pair Stranded Wire
- ▶ Color: Blue

Cat. No.	Length	Case Qty
88312	3'	300
88314	5'	200
88318	10'	120
88320	14'	100
88322	20'	50

Hinged 19" Patch Panel Wall Mount Brackets



- ▶ For 19" Wide 24 & 48 Port Patch Panels
- ▶ Hold panels 6" from wall
- ▶ Provides a rear cable entry
- ▶ Opening for easy cable access
- ▶ Threaded holes follow standard EIA pattern

Cat. No.	Height	Panel Size	Case Qty
88052	1-3/4"	24 Port	2
88054	3-1/2"	48 Port	2

Wallplates for Keystone Jacks and Modular Inserts



Decorative
DataComm
Frames
(Outer Wallplate
Sold Separately)

Fig 1

- ▶ Use with Keystone Jacks & Modular Inserts located on pages W1, W2 & W4
- ▶ *Note that 4 & 6 gang Datacomm Inserts can only be used with Keystone Jacks 88030 & 88031 (Pg W1) & Modular Inserts (Pg W4)
- ▶ Decorative DataComm Frames & Wallplates Mount in Standard Junction Boxes
- ▶ Material - Polycarbonate



DataComm
Wallplates

Fig 2

Decorative DataComm Inserts (Fig 1)

Cat. No. No.	Color	Ports	Gang	Bag Qty Qty
88102	Ivory	1	1	10
88104	Ivory	2	1	10
88106	Ivory	3	1	10
*88108	Ivory	4	1	10
*88110	Ivory	6	1	10
88112	White	1	1	10
88114	White	2	1	10
88116	White	3	1	10
*88118	White	4	1	10
*88120	White	6	1	10
88122	Lt. Almond	1	1	10
88124	Lt. Almond	2	1	10
88126	Lt. Almond	3	1	10
*88128	Lt. Almond	4	1	10
*88130	Lt. Almond	6	1	10

DataComm WallPlates (Fig 2)

Cat. No.	Color	Ports	Gang	Bag Qty
88142	Ivory	1	1	10
88144	Ivory	2	1	10
88146	Ivory	3	1	10
88148	Ivory	4	1	10
88150	Ivory	6	1	10
88152	Ivory	12	2	10
88162	White	1	1	10
88164	White	2	1	10
88166	White	3	1	10
88168	White	4	1	10
88170	White	6	1	10
88172	White	12	2	10
88182	Lt. Almond	1	1	10
88184	Lt. Almond	2	1	10
88186	Lt. Almond	3	1	10
88188	Lt. Almond	4	1	10
88190	Lt. Almond	6	1	10

Surface Mount Boxes For Keystone Jacks



- ▶ Housing Only
- ▶ Accepts Cat 3/5/5E/6 RJ-45 Keystone Jacks
- ▶ Adhesive Backed
- ▶ Snap-On 2-Piece Base & Cover

Cat. No.	Dimensions	Color	Bag Qty
1 Gang Surface Mount Boxes			
88252	1-1/8" x 1-1/8" x 2-1/4"	Ivory	10
88254	1-1/8" x 1-1/8" x 2-1/4"	White	10
2 Gang Surface Mount Box			
88256	2-1/8" x 2-1/4" x 1-1/8"	Ivory	10
88258	2-1/8" x 2-1/4" x 1-1/8"	White	10



Fig 1



Fig 4



Fig 2



Fig 5



Fig 3

- For Use with DataComm Wallplates & DataComm Decorative Frames - See Cat Pg W3

Cat. No.	Figure	Color	Bag Qty
ST Fiber Connectors			
88220	1	Ivory	10
88222	1	White	10
F Connectors			
88216	2	Ivory	10
88218	2	White	10
88219	2	Lt. Almond	10
BNC Connectors			
88212	3	Ivory	10
88214	3	White	10
RCA Connectors			
88230	4	Ivory	10
88232	4	White	10
Blank Inserts			
88224	5	Ivory	10
88226	5	White	10
88227	5	Lt. Almond	10

CAT 5E UTP Cord Coupler



- For RJ 45 Jacks/Patch Cords/Cables
- Mounts in Keystone Patch Panel or Plate
- Female to Female Configuration
- 1 Gbps
- 100 Mhz
- Contacts have 50u Gold Plating
- Flammability Rating: UL94V-0

Cat. No.	Color	Bag Qty
88240	Black	10

Phone & DataComm Plugs/Cord Ends



Cat	Type	Usage	Bag Qty
40120	RJ11 - 4 Conductor	Phone Wall Jack	50
40122	RJ22	Hand Cord Set	50
40123	RJ12 - 4 Conductor	Wall Jack	50
40124	RJ12 - 6 Conductor	Wall Jack	50
88611	RJ45 - Stranded	Cat5E Wall Jack	50
88612	RJ45 - Solid	Cat5E Wall Jack	50
88614	RJ45 - Stranded	Cat6 Wall Jack	50



- Our innovative series of modules and enclosures provides a fast and easy access point for all voice, audio, video and data connections on a fully flexible and customizable platform
- Fully integrates, manages and distributes broadband and multimedia services
- Choose between Surface and Recessed units
- Enclosures use multiple knock-outs and pre-punched holes to accommodate network modules, tie wraps, mounting screws, ground screws, and wire bundles
- Includes raised mounting rails to create a clean wiring channel behind mounted modules
- Features 180° captured hinge cover design for easy access and positive closing latch
- All enclosures have a keyed latch installed for positive closure and added security
- Captured hinge cover design allows easy access while eliminating lost parts
- 18 Gauge steel construction provides strength and excellent EMI/RFI protection
- Media Center modules snap into place (no tool required), precise hole spacing allows flexibility for mounting
- Modules can be mounted in Enclosure or mounted as individual units directly on any surface - simply remove existing push pins and insert screw to fasten on desired surface
- Fully supported broadband and multimedia integration



87100

Holds up to
4 Modules 1-7/8"(H) or
3 Modules 2-7/8"(H)



87102

Holds up to
16 Modules 1-7/8"(H) or
8 Modules 2-7/8"(H)



87106

Holds up to
16 Modules 1-7/8"(H) or
8 Modules 2-7/8"(H)

Home Network Enclosures

Cat. No.	Mounting	Size	Case Qty
87100	Surface	7" W x 11"H x 3.25"D	4
87102	Surface	14.38" W x 19"H x 3.5"D	2
87106	Flush	14.63" W x 19"H x 4.375"D	1

Television Master Hub



- Television distribution up to 6 rooms
- Accepts 2 inputs allowing insertion of video camera feed
- Built-In Amplifier, 0db insertion loss
- Return loss 10dB - isolation 20dB
- 9VDC 300mA power supply included
- 6-1/2"(W) x 2-7/8"(H) x 1"(D)

Cat. No.	Case Qty
87158	20

Cat 5E DataComm Master Hub



- Allows serviceable termination of data wires from 8 locations
- Color-coded 110 IDC blocks for simple and secure terminations
- Gold plated RJ-45 terminals provide clean and solid connections
- Conforms to EIA/TIA 568B standards
- 6-1/2"(W) x 2-7/8"(H) x 1"(D)

Cat. No.	Case Qty
87156	20

Ethernet 10/100 Base T Switch



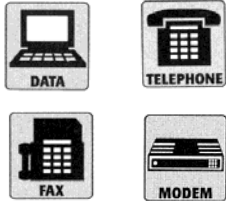
- ▶ Conveniently networks PC's to create an integrated home network
- ▶ Gold plated RJ-45 terminals provide clean and solid connections
- ▶ RJ-45 ports - slide switch uplink auto negotiation all ports
- ▶ 12VDC 500mA power supply included
- ▶ 6-1/2"(W) x 2-7/8"(H) X 1"(D)

Cat. No.	Ports	Case Qty
87164	5	20
87170	8	10

8 Port Cat 5E Voice/Data Module



Basic Home Networking Expansion Module



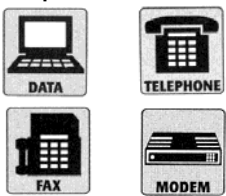
- ▶ Patch phone or data connections to 8 locations
- ▶ Combine with a TLDM, key system, or network hubs for additional applications
- ▶ Printed circuit board module
- ▶ 4-pair 110-type IDC Punchdowns and 8 CAT 5e RJ-45 ports
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Ports	Case Qty
87114	8	40

Voice/Data Expansion Module



Basic Home Networking Expansion Module



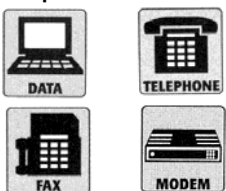
- ▶ Bridge up to 4 telephone lines to 11 locations
- ▶ Printed circuit board module
- ▶ One incoming 4-pair 110-type IDC punchdown and 11 outgoing RJ-45 jack connections
- ▶ Combine with a Category 5e board to route phone to remote locations
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Ports	Case Qty
87124	11	40

Voice/Data/Security Expansion Module



Basic Home Networking Expansion Module



- ▶ Bridge up to 4 telephone lines to 11 locations
- ▶ Printed circuit board module
- ▶ One incoming 4-pair 110-type IDC punchdown and 11 outgoing RJ-45 connections
- ▶ Combine with a Category 5e board to route phone to remote locations
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Ports	Case Qty
87120	11	20

8 Port Phone/Security Expansion Module



Basic telephone distribution



- ▶ Bridge up to 4 telephone lines to 8 locations
- ▶ Connect up to 8 separate telephones per line
- ▶ Connect to security system
- ▶ Printed circuit board module, 4-pair 110 type IDC punchdown
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Ports	Case Qty
87116	8	20

8 Port Phone Expansion Module



- ▶ Adds 8 more telephone extensions to an existing telephone hub
- ▶ Use a RJ45 patch cord to jump
- ▶ 6-1/2"(W) x 2-7/8"(H) X 1"(D)

Cat. No.	Ports	Case Qty
87168	8	20

9 Port Phone Expansion Module



Basic telephone
distribution



- ▶ Bridge up to 4 telephone lines to 9 locations
- ▶ Connect up to 9 separate phones per line
- ▶ Circuit board module, 4-pair 110-type IDC punchdowns
- ▶ The first 110 connection is terminated to the demarcation point from the service provider
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Ports	Case Qty
87112	9	40

8 Port Phone Expansion Module



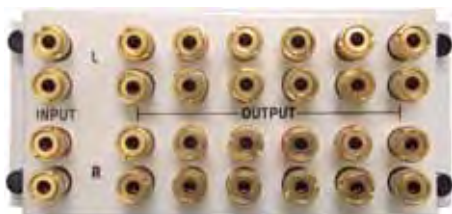
Basic telephone
distribution



- ▶ Bridge up to 4 telephone lines to 8 locations
- ▶ Connect up to 8 separate telephones per line
- ▶ Printed circuit board module
- ▶ 4-pair 100 type IDC punchdowns
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Ports	Case Qty
87118	8	20

Audio Master Hub



- ▶ Distribution of 2 audio channels to 6 rooms
- ▶ Solid brass binding posts provide secure connections for #14 wire
- ▶ Binding post holes are angled for convenient & neat wire installation
- ▶ 10mA max - 1.1kVAC max
- ▶ 6-1/2" (W) x 2-7/8" (H) x 1" (D)

Cat. No.	Channels	Case Qty
87160	6	20

6 Channel Audio Module



- ▶ Supports up to six pairs of speakers
- ▶ Combine with volume controls to control up to six pairs of speakers from one amplifier or receiver
- ▶ Parallel connection scheme insures sound quality
- ▶ User-removable connectors facilitate installation
- ▶ Connects with standard fire-rated speaker wire
- ▶ 6-1/2"(W) x 1-7/8"(H) x 1-1/2"(D)

Cat. No.	Channels	Case Qty
87122	6	40

Audio/Video Modulator



Must install a separate channel filter
on CATV line to remove desired
channel from incoming service

- ▶ Digitally tuned modulator that converts any bass band video & audio signal to a user selected UHF or CATV channel
- ▶ View security camera broadcasts at any TV for added home security
- ▶ Output channels 14-128 set by dip switch
- ▶ 12VDC 500mA power supply included
- ▶ 6-1/2"(W) x 3"(H) x 2-3/8"(D)

Cat. No.	Case Qty
87166	20

Video Amplifier



- ▶ Full band amplifier for boosting signal to 1-4 locations
- ▶ Input signal UHF, VHF, FM & DAB
- ▶ Frequency 47MHz - 860MHz
- ▶ 6-1/2"(W) x 2-7/8"(H) X 1"(D)

Cat. No.	Case Qty
87174	10

120 VAC Power Module



- ▶ Conveniently provides power within the master enclosure
- ▶ Rear 1/2" knockout hole supplied with plastic NM-B cable connector for fast secure installation
- ▶ UL listed NEMA 5-15R receptacle
- ▶ 6-1/2" (W) x 2-5/8" (H) x 1" (D)

Cat. No.	Case Qty
87162	20

4-Way Satellite Switch



- ▶ Provides Satellite TV to 4 locations
- ▶ 2150 MHz
- ▶ 6-1/2" (W) x 4-3/8" (H)

Cat. No.	Case Qty
87172	10

6-Way CATV Splitter



- ▶ Takes 1 Coax cable and distributes it up to 6 other locations
- ▶ 1 GHz
- ▶ 6-1/2" (W) x 2-7/8" (H)

Cat. No.	Case Qty
87176	10

2-Way Splitter With Ground Block



- ▶ Allows 2 units to be operated from one source
- ▶ Accepts coaxial 'F' fittings

Cat. No.	Frequency MHz	Type	Bag Qty	Master Box Qty
45030	900	Standard	10	50
45032	1000	Digital	10	50
45034	2050	Satellite	10	50

3-Way Splitter With Ground Block



- ▶ Allows 3 units to be operated from one source
- ▶ Accepts coaxial 'F' fittings

Cat. No.	Frequency MHz	Type	Bag Qty	Master Box Qty
45040	900	Standard	10	30
45042	1000	Digital	10	30
45044	2050	Satellite	10	30

4-Way Splitter With Ground Block



- ▶ Allows 4 units to be operated from one source
- ▶ Accepts coaxial 'F' fittings

Cat. No.	Frequency MHz	Type	Bag Qty	Master Box Qty
45050	900	Standard	10	30
45052	1000	Digital	10	30
45054	2050	Satellite	10	30

8-Way Splitter With Ground Block



- ▶ Allows 8 units to be operated from one source
- ▶ Accepts coaxial 'F' fittings

Cat. No.	Frequency MHz	Type	Bag Qty	Master Box Qty
45055	900	Standard	1	10
45057	1000	Digital	1	10
45059	2050	Satellite	1	10

2-Way Splitter



- ▶ Allows 2 units to be operated from one source
- ▶ Accepts coaxial 'F' fittings
- ▶ 900 Mhz

Cat. No.	Frequency MHz	Type	Bag Qty	Master Box Qty
45025	900	Standard	10	100

Split Feed Splitter



- ▶ Split Feed/Directional Coupler
- ▶ Maintains Signal Bandwidth In Multi-Unit Dwelling Applications
- ▶ High Isolation of Reflected Signals
- ▶ Tap Value: 12 dB
- ▶ Max Insertion Loss: 1 dB
- ▶ Isolation Output-Tap: 35 dB
- ▶ Return Loss: 20 dB
- ▶ 75 Ohm

Cat. No.	Frequency MHz	Type	Bag Qty
45028	1000	Digital	10

Type 'F' Coaxial Connector - Crimp-On



- ▶ Terminates coaxial cable
- ▶ Crimp on to prepared cable end

Cat. No.	Type	Bag Qty	Master Bag Qty
45060	RG6	10	100
45062	RG6/U	10	100
45070	RG59	10	100

Type 'F' Coaxial Connector - Twist-On



- ▶ Terminates coaxial cable
- ▶ Twist on to prepared cable end
- ▶ No Tool required

Cat. No.	Type	Bag Qty	Master Bag Qty
45080	RG6	10	100
45090	RG59	10	100

Coaxial Cable Terminator



- ▶ Attach to unused terminals of splitters, couplers, amplifiers & outlets
- ▶ Built-in resistor reduces ghosting & feedback

Cat. No.	Bag Qty	Master Bag Qty
45095	10	100

Female To Female Coax Coupler



- ▶ Couples 2 coaxial cables together that terminate in 'F' plugs
- ▶ Includes Nut & Washer

Cat. No.	Bag Qty	Master Bag Qty
45100	10	100

Coaxial Compression Connectors



45071/45075



45072/45078



45073/45079



45077



45076



45102, 45106



45112, 45116

**Used by Cable TV
& Satellite
Companies**

**Compression
Push-Lock Design**

- ▶ Visible Post Design - User friendly, eliminates damage to cable foil & dielectric
- ▶ Improved signal performance
- ▶ Water-tight seal for outdoor applications & superior durability in all climates
- ▶ 21mm (.827") or 35.7mm (1.40") travel compression crimp protects the center conductor from damage
- ▶ Permanent connections do not pull out or become loose - >50 lbs Retention Force
- ▶ Large tapered entry allows for easy cable insertion
- ▶ Gold Plated contacts
- ▶ RF signal containment ensures strong signal
- ▶ Bandwidth: 0-3 GHz
- ▶ Return Loss: -30 db @1 GHz
- ▶ Insertion Loss: < .1db @ 1 GHz
- ▶ Shielding Effectiveness: 80 db
- ▶ Operating Temperature: -40°F (-40°C) ~ 140°F (60°C)
- ▶ Cable Retention: >50 lbs
- ▶ Meets or Exceeds all SCTE specifications
- ▶ 45073-45079 are all brass exterior construction for superior durability

Cat. No.	Type	Description	Bag Qty
F Male Compression			
45075	RG6	Std & Tri Shield	10
45071	RG6	Std & Tri Shield	100
F Male Compression - Hi-Continuity			
45072	RG6U	Std, Tri & Quad Shield	10
45078	RG6U	Std, Tri & Quad Shield	100
45076	RG59	Std, Tri & Quad Shield	10
F Male Compression - Hi-Continuity - All Brass (Premier Connector)			
45073	RG6U	Std, Tri & Quad Shield	10
45079	RG6U	Std, Tri & Quad Shield	100
45077	RG11U	Std, Tri & Quad Shield	10
BNC Male Compression			
45102	RG6U Quad Shield	Std, Tri & Quad Shield	10
45106	RG59U Quad Shield	Std, Tri & Quad Shield	10
RCA Male Compression			
45112	RG6U Quad Shield	Std, Tri & Quad Shield	10
45116	RG59U Quad Shield	Std, Tri & Quad Shield	10

Coaxial Connectors
Voice/Datacom

W10

HDMI Home Entertainment Wallplates



80442



80444



80446



80448



80452



80454

- ▶ High Definition 1080p & 1080i Video Connectors
- ▶ Supports DTS-HD, Dolby True HD & 7.1 Channel Surround Sound Audio
- ▶ Supports HDCP, EDID, DDC
- ▶ Supports 24-bit True Color
- ▶ HDMI & RCA Connector Configurations
- ▶ Decorative Style Plate
- ▶ Gold Plated Contacts

Cat. No.	Color	Configuration	Box Qty
80442	White	1 HDMI	75
80444	White	2 HDMI	75
80446	White	1 HDMI 1 RCA (Red)	75
80448	White	1 HDMI 1 F Conn	75
80450	White	1 HDMI & 2 RCA (Red & White)	75
80452	White	1 HDMI & 3 RCA (R,W,Y)	75
80454	White	1 HDMI & 3 RCA (R,G,B)	75

Stainless Steel Kitchen Phone Plates



- ▶ Used in Kitchen Applications
- ▶ 4 Conductor RJ11,RJ14 Jacks
- ▶ Stainless steel

Cat. No.	Type	Box Qty
40040	Stainless Steel Kitchen	50

Kitchen Phone Plates



- ▶ Used in Kitchen Applications
- ▶ 4 Conductor RJ11,RJ14 Jacks
- ▶ Non-Metallic

Cat. No.	Color	Bag Qty	Master Box Qty
80030	Ivory	10	100
80031	White	10	100
80033	Lt Almond	10	100

Cord Coupler



- ▶ Connect/Splice 2 Modular Cords
- ▶ 4 Conductor RJ11,RJ14
- ▶ Ivory

Cat No.	Description	Bag Qty
40100	Cord Coupler	50

1 To 2 Line Splitter



- ▶ Split 1 Line Into 2 Separate Lines
- ▶ 4 Conductor RJ11,RJ14
- ▶ Ivory

Cat No.	Description	Bag Qty
40090	1 To 2 Line Splitter	50

Phone & Coax Plates



- ▶ Flush Phone Plates
- ▶ 4 & 6 Conductor
- ▶ Flammability Rating: UL94V-0
- ▶ 50 Micro Inch Gold Plating
- ▶ UL 1863 Listed & Complies with NEC Article 800-51



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Fig 6

Cat. No.	Fig	Color	Bag Qty	Master Box Qty
Single RJ11, RJ14 Phone - 4 Conductor				
80010	1	Ivory	10	100
80011	1	White	10	100
80012	1	Brown	10	100
80013	1	Lt Almond	10	100
Single RJ11, RJ14, RJ25 Phone - 6 Conductor				
86010	1	Ivory	10	100
86011	1	White	10	100
86013	1	Lt Almond	10	100
Double RJ11, RJ14 Phone - 4 Conductor				
80020	2	Ivory	10	100
80021	2	White	10	100
80023	2	Lt Almond	10	100
Double RJ11, RJ14, RJ25 Phone - 6 Conductor				
86020	2	Ivory	10	100
86021	2	White	10	100
Single RJ11, RJ14 Phone & Single F Connector				
80056	3	Ivory	10	100
80057	3	White	10	100
80059	3	Lt Almond	10	100
Single F Connector				
85010	4	Ivory	10	100
85011	4	White	10	100
85012	4	Brown	10	100
85013	4	Lt Almond	10	100
Dual F Connector				
85020	5	Ivory	10	100
85021	5	White	10	100
85023	5	Lt Almond	10	100
Dual F Connector & Single Phone - 4 Conductor				
85030	6	Ivory	10	100
85031	6	White	10	100
85033	6	Lt Almond	10	100

Phone Plates
Voice/Datacom

W12

Mid-Size Phone & Coax Plates



- ▶ Flush Mid-Size Phone Plates
- ▶ 4 Conductor RJ11,RJ14 Jacks
- ▶ Flammability Rating: UL94V-0
- ▶ 50 Micro Inch Gold Plating
- ▶ UL 1863 Listed & Complies with NEC Article 800-51



Fig 1



Fig 2



Fig 3

Cat. No.	Fig	Color	Bag Qty	Master Box Qty
Single RJ11, RJ14 Phone - 4 Conductor				
87010	1	Ivory	10	100
87011	1	White	10	100
87013	1	Lt Almond	10	100
Dual RJ11, RJ14 Phone - 4 Conductor				
87020	2	Ivory	10	100
87021	2	White	10	100
87023	2	Lt Almond	10	100
Single F Connector				
87510	3	Ivory	10	100
87511	3	White	10	100
87513	3	Lt Almond	10	100

Surface Mount Phone Jacks



- ▶ Surface Mount
- ▶ 4 Conductor RJ11,RJ14 Jacks
- ▶ Flammability Rating: UL94V-0

Cat. No.	Color	Bag Qty	Master Box Qty
Single Gang			
80050	Ivory	10	100
80051	White	10	100
80052	Lt Almond	10	100
Double Gang			
80053	Ivory	10	100
80054	White	10	100
80055	Lt Almond	10	100



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5

- Flush Decorative Phone Plates
- 4 Conductor RJ11,RJ14 Jacks
- Flammability Rating: UL94V-0
- 50 Micro Inch Gold Plating
- UL 1863 Listed & Complies with NEC Article 800-51

Cat. No.	Fig	Color	Bag Qty	Master Box Qty
Single RJ11, RJ14 Phone				
80060	1	Ivory	10	100
80061	1	White	10	100
Dual RJ11, RJ14 Phone				
80070	2	Ivory	10	100
80071	2	White	10	100
Single RJ11, RJ14 Phone & Single F Connector				
80080	3	Ivory	10	100
80081	3	White	10	100
Single F Connector				
85015	4	Ivory	10	100
85016	4	White	10	100
Dual F Connector				
85120	5	Ivory	10	100
85121	5	White	10	100

2 Piece Decorative Phone & Coax Plates



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Fig 6



- Flammability Rating: UL94V-0
- 4 Conductor RJ11,RJ14 Jacks
- 50 Micro Inch Gold Plating
- UL 1863 Listed & Complies with NEC Article 800-51

Cat. No.	Fig	Color	Bag Qty	Master Box Qty
Single RJ11, RJ14 Phone				
80160	1	Ivory	10	100
80161	1	White	10	100
80163	1	Lt Almond	10	100
Double RJ11, RJ14 Phone				
80170	2	Ivory	10	100
80171	2	White	10	100
80173	2	Lt Almond	10	100
Single F Connector				
85115	3	Ivory	10	100
85116	3	White	10	100
85118	3	Lt Almond	10	100
Dual F Connector				
85220	4	Ivory	10	100
85221	4	White	10	100
85223	4	Lt Almond	10	100
Single RJ11, RJ14 Phone & Single F Connector				
80180	5	Ivory	10	100
80181	5	White	10	100
80183	5	Lt Almond	10	100
Dual F Connector & Single RJ11, RJ14 Phone				
85230	6	Ivory	10	100
85231	6	White	10	100
85233	6	Lt Almond	10	100



UB 2 port



UR & UR2 3 port



UY & UY2 2 port



UCC

- ▶ IDC connectors create fast splice and tap
- ▶ Corrosion resistant gel sealant protects connection
- ▶ Low voltage telecommunication cable applications
- ▶ Quick, easy one-step splicing
- ▶ Use with solid copper single-conductor wire
- ▶ UB 2 Wire Tap Splice - permits tapping onto conductors without service interruption
- ▶ UR 3 Wire Butt Splice - tap onto service lines in ready-access cases for pedestal mounts, pigtail joints or tap onto load coils such as toll cable splicing
- ▶ UY 2 Wire Butt Splice - designed for straight butt style splicing
- ▶ Complies with REA PE-52
- ▶ Complies with TIA/EIA 568-A Par 10.4.4 CAT-5 Std

Cat. No.	Type	Description	Color	Wire Range	Insulation Max O.D.	W	L	H	Bag Qty	Master Bag Qty
25 Pack										
10752	UB	2-Port Tap Splice	Blue	22-26	.050"	.346"	.492"	.24"	25	100
10754	UR	3-Port Butt Splice	Red	22-26	.066"	.492"	.768"	.23"	25	100
10755	UR2	3-Port Butt Splice	Red	19-26	.082"	.492"	.768"	.23"	25	100
10756	UY	2-Port Butt Splice	Yellow	22-26	.060"	.346"	.492"	.23"	25	100
10757	UY2	2-Port Butt Splice	Yellow	19-26	.082"	.346"	.492"	.23"	25	100
10760	UCC	2-Port Butt Splice	Red	22-26	.060"	.346"	.492"	.23"	25	100

100 Pack

10762	UB	2-Port Tap Splice	Blue	22-26	.050"	.346"	.492"	.24"	100	1000
10764	UR	3-Port Butt Splice	Red	22-26	.066"	.492"	.768"	.23"	100	1000
10765	UR2	3-Port Butt Splice	Red	19-26	.082"	.492"	.768"	.23"	100	1000
10766	UY	2-Port Butt Splice	Yellow	22-26	.060"	.346"	.492"	.23"	100	1000
10767	UY2	2-Port Butt Splice	Yellow	19-26	.082"	.346"	.492"	.23"	100	1000
10770	UCC	2-Port Butt Splice	Red	22-26	.060"	.346"	.492"	.23"	100	1000

Phone Junction Box



- ▶ Split 1 Line Into 2 Separate Lines
- ▶ For 2 Phone Lines
- ▶ With Mounting Black
- ▶ 4 Conductor
- ▶ Ivory

Cat. No.	Bag Qty
40070	50

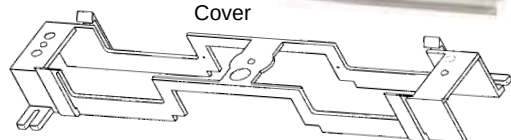
25-Pair 66 Block



Wiring Block



Cover



Mounting Bracket

- ▶ Hooked contacts for smooth wire placement
- ▶ Nickel plating gives secure connection
- ▶ Clear plastic cover fits over entire block, protects contacts & allows a clear view of all connections without removing cover
- ▶ High-Impact PVC construction
- ▶ 22-26 Awg Wire
- ▶ 10"L x 2"W x 1-1/4" H

Cat. No.	Description	Case Qty
40130	Wiring Block and Cover	10
40132	Mounting Bracket	-

SECTION
X



Specialty Switches

**Heavy Duty
Toggle Switches**



X1-X3

**Medium Duty
Toggle Switches**



X4

**Non-Metallic
Toggle Switches**



X4

**Heavy Duty
Momentary Contact**



X5

Rocker Switches



X6

Rotary Switches



X7

**Push Button
Switches**



X7

Pull Chains



X7

Slide Switches



X8

Cord Switches



X8

Pilot Lights



X8

- ▶ Motor Control & Tool Applications
- ▶ Solid Brass or Nickel Plated Bushings
- ▶ 1/2" Mounting Hole
- ▶ Dielectric Strength: 1500V
- ▶ Mechanical Life Cycles: 100,000
- ▶ 32°F to 185°F



Product	Cat. No.	Type	Poles	Function	Terminal Type	No. of Terminals	Standard Load Rating	Motor Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
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Single Pole Single Throw

	70070	Toggle Switch W/ On/Off Plate	SPST	On-Off	Screw	2	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10
	70071	Toggle Switch W/ On/Off Plate	SPST	On-Off	Quick Connect Spade	2	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10
	70072	Toggle Switch	SPST	On-Off	Screw	2	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10
	70073	Toggle Switch W/ On/Off Plate & Boot	SPST	On-Off	6" Wire Leads	2	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.18 x .68 x .75	1	10

Single Pole Double Throw

	70080	Toggle Switch	SPDT	On-Off-On	Screw	3	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10
	70081	Toggle Switch	SPDT	On-Off-On	Quick Connect Spade	3	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10
	70090	Toggle Switch	SPDT	On-On	Screw	3	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10
	70091	Toggle Switch	SPDT	On-On	Quick Connect Spade	3	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .63 x .67	1	10

Heavy Duty Toggle Switches - 2 Pole



- Motor Control & Tool Applications
- Solid Brass or Nickel Plated Bushings
- 1/2" Mounting Hole

- Dielectric Strength: 1500V
- Mechanical Life Cycles: 100,000
- 32°F to 185°F



Product	Cat. No.	Poles	Function	Terminal Type	No. of Terminals	Standard Load Rating	Motor Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
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Double Pole Single Throw

	70100	DPST	On-Off	Screw	4	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125-250V	1.30 x .76 x .80	1	10
	70101	DPST	On-Off	Quick Connect Spade	4	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125-250V	1.30 x .76 x .80	1	10

Double Pole Double Throw

	70110	DPDT	On-Off-On	Screw	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125-250VAC	1.30 x .76 x .80	1	10
	70111	DPDT	On-Off-On	Quick Connect Spade	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125-250VAC	1.30 x .76 x .80	1	10
	70130	DPDT	On-On	Screw	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125-250VAC	1.30 x .76 x .80	1	10
	70131	DPDT	On-On	Quick Connect Spade	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125-250VAC	1.30 x .76 x .80	1	10

Heavy Duty Toggle Switches - 3 Pole

- Motor Control & Tool Applications
- Solid Brass or Nickel Plated Bushings
- 1/2" Mounting Hole
- Dielectric Strength: 1500V
- Mechanical Life Cycles: 100,000
- 32°F to 185°F



Product	Cat. No.	Poles	Function	Terminal Type	No. of Terminals	Standard Load Rating	Motor Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
	70301	3PST	On-Off	Screw	6	18A 125VAC 10A 250VAC	18A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.32 x 1.09 x 1.11	1	10
	70302	3PDT	On-On	Screw	9	18A 125VAC 10A 250VAC	18A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.32 x 1.09 x 1.11	1	10
	70303	3PDT	On-Off-On	Screw	9	18A 125VAC 10A 250VAC	18A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.32 x 1.09 x 1.11	1	10

Heavy Duty Toggle Switches - 4 Pole

Product	Cat. No.	Poles	Function	Terminal Type	No. of Terminals	Standard Load rating	Motor Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
	70304	4PST	On-Off	Screw	8	16A 125VAC 10A 250VAC	16A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.43 x 1.40 x 1.07	1	10
	70305	4PDT	On-On	Screw	12	16A 125VAC 10A 250VAC	16A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.43 x 1.40 x 1.07	1	10
	70306	4PDT	On-Off-On	Screw	12	16A 125VAC 10A 250VAC	16A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.43 x 1.40 x 1.07	1	10

Medium Duty Toggle Switches



- ▶ Great for Light Household Appliances & Equipment
- ▶ 70062 is Perfect for Battery-Powered Equipment including Lawn Mowers and Trimmers

- ▶ 1/2" Mounting Hole
- ▶ Dielectric Strength: 1500V
- ▶ Insulation Resistance: 500V



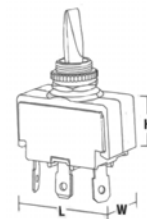
Product	Cat. No.	Type	Poles	Function	Terminal Type	No. of Terminals	Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
	70050	Toggle with On/Off faceplate Wire Lead	SPST	On-Off	6" Wire Leads	N/A	8A 125VAC 4A 250VAC 1/3HP 125V	98 x .62 x .62	1	10
	70060	Toggle with On/Off faceplate	SPST	On-Off	Screws	2	6A 125VAC 3A 240VAC	69 x .57 x .40	1	10
	70062	Toggle Switch	SPST	On-Off	Quick Connect Spade	1	21A 12VDC	69 x .55 x .45	1	10
	70063	Short Ball Bat Toggle Switch	SPST	On-Off	Screws	2	6A 125VAC 3A 250VAC	69 x .55 x .40	1	10
	70061	Short Ball Bat Toggle Switch	SPST	On-Off	6" Wire Leads	N/A	6A 125VAC 3A 250VAC	69 x .55 x .34	1	10

Non-Metallic Toggle Switches



- ▶ Great for Automotive, Recreational Equipment, and Marine Applications
- ▶ Double Insulated with Internal O-ring for Moisture and Dust Resistance

- ▶ 1/2" Mounting Hole
- ▶ Dielectric Strength: 1500V
- ▶ Insulation Resistance: 500V



Product	Cat. No.	Poles	Function	Terminal Type	No. of Terminals	Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
	70120	SPST	On-Off	Screw	2	20A 125VAC 10A 277VAC	1.37 x .76 x .94	1	10
	70125	SPDT	Momentary (On)-Off-(On)	Quick Connect Spade	3	20A 125VAC 10A 277VAC	1.37 x .76 x .94	1	10
	70127	DPDT	Momentary (On)-Off-(On)	Quick Connect Spade	6	20A 125VAC 10A 277VAC	1.37 x .76 x .94	1	10

- Motor Control & Tool Applications
- Solid Bras or Nickel Plated Bushings
- 1/2" Mounting Hole
- Dielectric Strength: 1500V
- Mechanical Life Cycles: 100,000
- 32°F to 185°F



Product	Cat. No.	Poles	Function	Terminal Type	No. of Terminals	Standard Load Rating	Motor Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
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Single Pole Single Throw

	70250	SPST	Momentary (On)-Off	Screw	2	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .57 x .61	1	10
	70252	SPST	Momentary (On)-Off	Screw	2	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125-250VAC	1.13 x .57 x .61	1	10

Double Pole Single Throw

	70260	DPST	Momentary (On)-Off	Screw	4	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2HP 125/250VAC	1.30 x .76 x .80	1	10
	70262	DPST	Momentary (On)-Off	Screw	4	20A 125VAC 10A 277VAC	20A 125VAC 10A 277VAC 1-1/2HP 125-250VAC	1.30 x .76 x .80	1	10

Single Pole Double Throw

	70270	SPDT	Momentary On-Off-(On)	Screw	3	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4HP 125/250VAC	1.13 x .63 x .70	1	10
	70280	SPDT	Momentary (On)-Off-(On)	Screw	3	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 3/4 HP 125-250VAC	1.13 x .63 x .70	1	10
	70290	DPDT	(On)-Off-On	Screw	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2 HP 125-250VAC	1.32 x .75 x .86	1	10

Double Pole Double Throw

	70299	DPDT	Momentary (On)-Off-(On)	Quick Connect Spade	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2 HP 125-250VAC	1.30 x .76 x .86	1	10
	70300	DPDT	Momentary (On)-Off-(On)	Screw	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2 HP 125-250VAC	1.30 x .76 x .86	1	10
	70135	DPDT	Momentary (On)-On	Screw	6	20A 125VAC 10A 277VAC	20A 125VAC 10A 250VAC 1-1/2 HP 125-250VAC	1.30 x .76 x .80	1	10

Accessories



RUBBER COVER AND NUT For Toggle Switch

- Protects switches from moisture, dirt, salt & spray
- Built-in nut base
- Fits Standard Toggles

Cat. No.	Bag Qty
70240	10
70241	100



RUBBER COVER For Push Switch

- Clear Cover
- Protects switches from moisture, dirt, salt & spray
- Fits Standard Toggles

Cat. No.	Bag Qty
70243	10



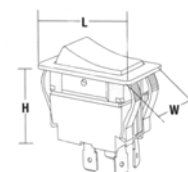
Indicator Plate

Cat. No.	Bag Qty
70246	100

Rocker Switches



- Nylon 6/6 Frame & Actuator
- Contact Resistance: 50 milliohm
- Insulation Resistance: 100 milliohm
- Dielectric Strength: 1500V
- Insulation Resistance: 100 milliohm
- Operating Temp: -4°F to 185°F



Cat. No.	Fig	Function	Color	Poles	Terminal Type	No of Terminals	Standard Load Rating	Motor Load Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
Rocker Switch											
70171	1	On-Off	Black	SPST	Quick Connect Spade	2	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
70172	1	On-Off	Black	DPST	Quick Connect Spade	4	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
70173	1	On-Off-On	Black	SPDT	Quick Connect Spade	3	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
70174	1	On-Off-On	Black	DPDT	Quick Connect Spade	6	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
70175	1	(On)-Off-(On)	Black	DPDT	Quick Connect Spade	6	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
Lighted Rocker Switch											
70176	2	On-Off	Black/Red Light	DPST	Quick Connect Spade	4	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
70177	3	On-Off	Black/Amber Light	DPST	Quick Connect Spade	4	20A 125VAC 10A 250VAC 21A 14VDC	16A 125VAC 10A 277VAC 3/4 HP	1.82 x .98 x 1.11	1	10
Appliance Rocker Switch											
70180	4	On-Off Printed Legend	Red	SPST	Quick Connect Spade	3	15A 125VAC 10A 250VAC	-	1.24 x .73 x .77	1	10
70181	5	On-Off-On	Black	SPDT	Quick Connect Spade	3	16A 125VAC 10A 250VAC	16A 125VAC 10A 250VAC 1/3HP 125VAC 1/2HP 250VAC	1.24 x .73 x .77	1	10
70182	6	On-On	Black	SPDT	Quick Connect Spade	3	20A 125VAC 16A 250VAC	20A 125VAC 16A 250VAC 1/3HP 125VAC 1/2HP 250VAC	1.24 x .73 x .77	1	10
Lighted Appliance Rocker Switch											
70190	7	On-Off	Red	SPST	Quick Connect Spade	3	16A 125VAC 10A 250VAC	16A 125VAC 10A 250VAC 1/3HP 125VAC 1/2HP 250VAC	1.24 x .73 x .77	1	10
Dual Color Rocker Switch											
70191	8	On-Off	Red/Black	SPST	Quick Connect Spade	2	20A 125VAC 16A 250VAC	20A 125VAC 16A 250VAC 1/3HP 125VAC 1/2HP 250VAC	1.24 x .73 x .77	1	10
Miniature Printed Lighted Rocker Switch											
70192	9	On-Off	Red	SPST	Quick Connect Spade	3	16A 125VAC 10A 250VAC	16A 125VAC 10A 250VAC 1/3HP 125VAC 1/2HP 250VAC	.83 x .59 x .50	1	10

Rotary Switches

- ▶ Rotary Canopy Type Switches
- ▶ Household Appliances, Fixtures & Lamps



Fig 1



Fig 2



Fig 3



Fig 4

Cat. No.	Fig	Function	Color	Poles	Terminal Type	No. of Terminals	Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
70220	1	On-Off	Brass	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	.97 x .8 x .37	1	10
70222	2	On-Off	Black	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	.96 x .79 x .36	1	10
70230	3	Off-Low-Med-Hi Off-(A)-(B)-(A+B)	Brass	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	.86 x 1.03 x .34	1	10
70422	4	On-Off	Black	SPST	6" Leads	2	3 Amps 125VAC 1.5 Amps 250VAC	.60 Dia x .73Ht	1	10

Push Buttons

- ▶ Momentary Contact
- ▶ Maintained Contact
- ▶ Household Appliances, Fixtures



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5



Fig 6



Fig 7

Cat. No.	Fig	Type	Function	Color	Poles	Terminal Type	No. of Terminals	Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
70140	1	Momentary Contact Push	(On)-Off	Black	SPST	Screw	2	6 Amps 120VAC 3 Amps 240VAC	.88 x .54 x .35	1	10
70150	2	Momentary Contact Push	On-(Off)	Red	SPST	Screw	2	3 Amps 120VAC 1.5 Amps 240VAC	.88 x .54 x .35	1	10
70160	3	Maintained Contact Push	On-Off	Black Plastic	SPST	6" Leads	N/A	8 Amps 125VAC 4 Amps 250VAC 1/3HP 125VAC	.98 x .60 x 1.61	1	10
70161	4	Maintained Contact Push	On-Off	Nickel	SPST	6" Leads	N/A	8Amps 125VAC 4Amps 250VAC 1/3HP 125VAC	.98 x .63 x .69	1	10
70200	5	Maintained Contact Push	On-Off	Brass	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	.97 x .80 x .36	1	10
70210	6	Maintained Contact Push	On-Off	Nickel	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	.97 x .80 x .36	1	10
70165	7	Miniature Push Button	On-Off	Black	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	.73 x .54 x .93	1	10

Pull Chains



Fig 1



Fig 2



Fig 3



Fig 4



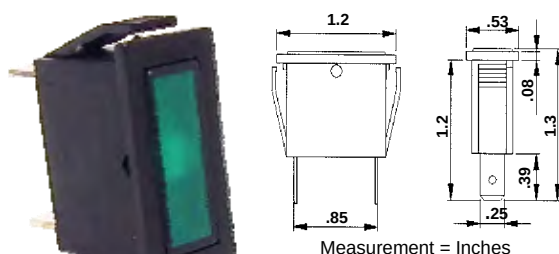
Fig 5



Fig 6

Cat. No.	Fig	Function	Color	Poles	Terminal Type	No. of Terminals	Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag
70010	1	On-Off	Brass	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	1.25 x .825 x .625	1	10
70011	1	On-Off	Brass	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	1.25 x .825 x .625	100	—
70020	2	On-Off	Nickel	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	1.25 x .825 x .625	1	10
70021	2	On-Off	Nickel	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	1.25 x .825 x .625	100	—
70023	3	All Angle On-Off	Nickel	SPST	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	2.52 x 1.50 x .50	1	10
70045	4	2-Speed Off-Low-High	Brass	SPDT	Push in	3	6 Amps 125VAC 3 Amps 250VAC	1.71 x 1.23 x .72	1	10
70025	5	3-Speed Off-Low-Med-Hi	Brass	SPTT	6" Leads	N/A	6 Amps 125VAC 3 Amps 250VAC	1.25 x 1.00 x .625	1	10
70040	6	3-Speed Off-Low-Med-Hi	Brass	SPTT	Push in	4	6 Amps 125VAC 3 Amps 250VAC	1.50 x 1.25 x .75	1	10

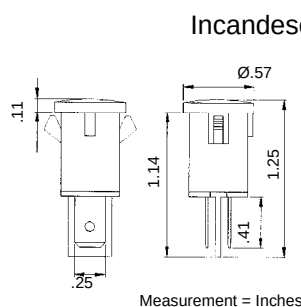
Rectangular Indicator Pilot Lamp



- ▶ 250VAC Incandescent
- ▶ Insulation Resistance: 100 milliohm
- ▶ Dielectric Strength: 3000VAC
- ▶ Lamp Life Expectancy: > 10,000 Hrs
- ▶ -13°F to 185°F
- ▶ Nylon 6/6 Housing with Polycarbonate Lens
- ▶ Brass Terminals

Cat. No.	Color	Rating	Termination	Bag Qty
70310	Green	250VAC	Spade	10
70311	Red	250VAC	Spade	10
70312	Amber	250VAC	Spade	10

Round Indicator Pilot Lamp



- ▶ Incandescent
- ▶ Insulation Resistance: 100 milliohm
- ▶ Dielectric Strength: 3000VAC
- ▶ Lamp Life Expectancy: > 10,000 Hrs
- ▶ -13°F to 185°F
- ▶ Nylon 6/6 Housing with Polycarbonate Lens
- ▶ Brass Terminals

Cat. No.	Color	Rating	Termination	Bag Qty
70320	Green	250VAC	Spade	10
70321	Red	250VAC	Spade	10
70322	Amber	250VAC	Spade	10
70323	Green	125VAC	6" Wire Leads	10
70324	Red	125VAC	6" Wire Leads	10
70325	Amber	125VAC	6" Wire Leads	10
70326	Green	24VDC	6" Wire Leads	10
70327	Red	24VDC	6" Wire Leads	10
70328	Amber	24VDC	6" Wire Leads	10

Cord Switches



- ▶ 6A 125V, 3A 250V
- ▶ Single Pole
- ▶ On/Off
- ▶ Use with #18 SPT-1 Wire
- ▶ Feed-thru with Captive Screw



Cat. No.	Color	Rating	Termination	Bag Qty
70450	Brown	6A 125VAC 3A 250VAC	Screw	10
70451	White	6A 125VAC 3A 250VAC	Screw	10
70452	Black	6A 125VAC 3A 250VAC	Screw	10
70453	Ivory	6A 125VAC 3A 250VAC	Screw	10

Slide Switch



- ▶ SPST On-Off
- ▶ 6A 125V, 3A 250V
- ▶ Insulation Resistance: 100 milliohm
- ▶ Dielectric Strength: 1000VAC
- ▶ Contact Resistant: 50 milliohm
- ▶ Brass Terminals with Silver Plating
- ▶ Nylon Actuator



Cat. No.	Function	Color	Poles	Termination	Number of Terminals	Rating	Dimensions L" x W" x H"	Bag Qty	Master Bag Qty
70170	Slide Switch	Black	SPST	Solder	2	6A 125VAC 3A 250VAC	1.38 x .44 x .30	1	10

SECTION
Y



Extension Cords & Surge Suppresion

Extension Cords



Y1

Generator Cords



Y1

Range & Dryer



Y2

Appliance Cords



Y2

Replacement Cords



Y2

Portable GFCI's



Y3-Y4

Temporary Lights



Y5

Adapters



Y4-Y5

Surge Protectors



Y6-Y9

Lightning Arrester



Y9

Outdoor Extension Cords



- ▶ Outdoor Rated Polarized Tri-Tap Extension Cords
- ▶ Clear Ends with Tri-Tap Female Block
- ▶ Features a Power Indicator Light in the female receptacle
- ▶ Grounded
- ▶ Jacket Compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds
- ▶ Flexible to -40°F
- ▶ 14/3 & 12/3 SJTW Wire Type
- ▶ 125Volt

Cat. No.	Wire Gauge/Conductors	Amps	Length	Box Qty
89300	14/3	15	25 Ft	12
89301	14/3	15	50 Ft	6
89302	14/3	13	100 Ft	3
89303	12/3	15	25 Ft	12
89304	12/3	15	50 Ft	6
89305	12/3	15	100 Ft	4

Cold Weather Extension Cords



- ▶ Outdoor Cold Weather Rated Polarized Tri-Tap Extension Cords
- ▶ Clear Ends with Tri-Tap Female Block
- ▶ Features a power indicator light in the female receptacle
- ▶ Grounded
- ▶ Bright blue jacketed cords with Plugs/Receptacles that resist deterioration from moisture, abrasion and extended exposure to sunlight
- ▶ Designed for use in cold environments - Flexible to -58°F
- ▶ 14/3 & 12/3 SJTW Wire Type
- ▶ 125Volt

Cat. No.	Wire Gauge/Conductors	Amps	Length	Box Qty
89306	14/3	15	25 Ft	12
89307	14/3	15	50 Ft	6
89308	14/3	13	100 Ft	4
89309	12/3	15	25 Ft	12
89310	12/3	15	50 Ft	6
89311	12/3	15	100 Ft	4

Generator Power Cord Sets



- ▶ 20Amp & 30Amp Cord Sets are designed for use with manual transfer switches, transfer panels, and power inlet boxes
- ▶ One Piece molded Cord/Plugs
- ▶ L14 Twist Lock Male/Female Receptacles
- ▶ 300 Volt SJTOW Rubber Cord
- ▶ -30°F (-34°C) Outdoor Use & Oil Resistant

Cat. No.	Amps	Size	Length	NEMA#	Max Gen Input	Box Qty
89342	20	12/4	10 Ft	L14-20	5 KW	16
89344	20	12/4	20 Ft	L14-20	5 KW	10
89346	20	12/4	40 Ft	L14-20	5 KW	5
89348	30	10/4	10 Ft	L14-30	7.5 KW	10
89350	30	10/4	20 Ft	L14-30	7.5 KW	6
89352	30	10/4	40 Ft	L14-30	7.5 KW	3

Heavy Duty Tri-Tap Extension Cord - 3 Outlets



- ▶ Heavy Duty 2 Foot Extension Cord with 3 Prong Plug & Lighted Block Style Receptacles
- ▶ 15A 125V 12/3 STW Cord with Molded Plug/Receptacle
- ▶ Lighted Female End to detect power
- ▶ Approved Under OSHA Standards For Outdoor and Indoor Use

Cat. No.	Length	Box Qty
89312	2 Ft	20

Dryer Cords



- ▶ Thick vinyl insulation with right angle male plug
- ▶ 4 Wire - 10/4 Round SRDT Wire
- ▶ NEMA 14-30
- ▶ 30Amp @125V/250V

Cat. No.	Wire Gauge/ Conductors	Length	Box Qty
89231	10/4	4 Ft	12
89232	10/4	5 Ft	12
89233	10/4	6 Ft	12

Range Cords



- ▶ Thick vinyl insulation with right angle male plug
- ▶ 4 Wire - 6/2 & 8/2 round SRDT Wire
- ▶ NEMA 14-60
- ▶ 50A @ 125V/250V

Cat. No.	Wire Gauge/ Conductors	Length	Box Qty
89236	6/2+8/2	4 Ft	12
89237	6/2+8/2	5 Ft	12
89238	6/2+8/2	6 Ft	12

Appliance & Air Conditioner Extension Cords



- ▶ Extends power cords for refrigerators, microwaves, air Conditioners, and other appliances
- ▶ 3-prong appliance cord
- ▶ 15Amp 125VAC 1875Watts
- ▶ SPT-3 14/3 Gauge

Cat. No.	Length	Box Qty
89212	3 Ft	50
89214	6 Ft	40
89216	9 Ft	25
89218	12 Ft	24
89220	15 Ft	24

Replacement Power Supply Cords



- ▶ Extends power cords for refrigerators, microwaves, air Conditioners, and other appliances
- ▶ Stripped at one end and angled male plug at other end
- ▶ 3-Prong flat cord
- ▶ 125VAC

Cat. No.	Wire Gauge/ Conductors	Amps	Length	Box Qty
89221	16/3	13	6Ft	50
89223	14/3	15	6Ft	50

Right Angle Tri-Tap Portable GFCI



- ▶ For indoor or temporary outdoor use
- ▶ Provides portable protection on tools, appliances, outdoor equipment, etc.
- ▶ Great for jobsites, workshops or marinas
- ▶ 3 outlet power cord GFCI protection against hazardous shock
- ▶ 15 Amp 120 Volt
- ▶ Automatic Reset
- ▶ Class A GFCI 4-6mA Trip
- ▶ 1875 Watt
- ▶ Grounded & Open Neutral Protection
- ▶ Insulation Volts: 1500 V RMS
- ▶ NEMA 5-15P & (3) 5-15R
- ▶ 2 Ft. 12/3 AWG SJTW Cord
- ▶ Rainproof
- ▶ Complies with NEC 305-6
- ▶ Operating Temperature: -31°F to 151°F (-35°C to 66°C)

Cat. No.	Case Qty
89000	24

In-Line Tri-Tap Portable GFCI



- ▶ For indoor or temporary outdoor use
- ▶ Provides portable protection on tools, appliances, outdoor equipment, etc.
- ▶ Great for jobsites, workshops or marinas
- ▶ 3 outlet power cord GFCI protection against hazardous shock
- ▶ 15 Amp 120 Volt
- ▶ Automatic Reset
- ▶ Class A GFCI 4-6mA Trip
- ▶ 1875 Watt
- ▶ Grounded & Open Neutral Protection
- ▶ Insulation Volts: 1500 V RMS
- ▶ NEMA 5-15P & (3) 5-15R
- ▶ 2 Ft. 12/3 AWG SJTW Cord
- ▶ Rainproof
- ▶ Complies with NEC 305-6
- ▶ Operating Temperature: -31°F to 151°F (-35°C to 66°C)

Cat. No.	Case Qty
89006	24

Single Portable GFCI Adapter



- ▶ GFCI Protected Plug Only
- ▶ Fits any standard 3 wire outlet
- ▶ Provides instant GFCI protection
- ▶ Immediately detects ground fault from damaged cords or exposure to water and shuts off power to avoid electrocution
- ▶ Use with wet/dry vacs, tools, sump pumps
- ▶ Great indoor protection in the garage, basement and bedroom
- ▶ 15 Amp 120 Volt
- ▶ Automatic Reset
- ▶ Class A GFCI 4-6mA Trip
- ▶ 1875 Watt
- ▶ Grounded & Open Neutral Protection
- ▶ Insulation Volts: 1500 V RMS
- ▶ NEMA 5-15P & 5-15R
- ▶ Rainproof
- ▶ Complies with NEC 305-6
- ▶ Operating Temperature: -31°F to 151°F (-35°C to 66°C)

Cat. No.	Case Qty
89002	24

4-Outlet GFCI Power Pack



- ▶ Automatic Reset
- ▶ Right Angle GFCI Plug with Power 'ON' LED indicator
- ▶ (4) NEMA 5-15R Outlets with Separate Covers for Each Outlet
- ▶ (1) NEMA 5-15P Plug
- ▶ 15 Amp 120 Volt
- ▶ 6 Ft. 12/3 SJTW Cord
- ▶ 15A Circuit Breaker
- ▶ Automatic Reset
- ▶ Class A GFCI 4-6mA Trip
- ▶ 1875 Watt
- ▶ Grounded & Open Neutral Protection
- ▶ Insulation Volts: 1500 V RMS
- ▶ Complies with NEC 305-6
- ▶ Operating Temperature: -31°F to 151°F (-35°C to 66°C)

Cat. No.	Case Qty
89008	24

Right Angle GFCI Plug - Field Wired



- ▶ User Attachable
- ▶ Compatible with 15 Amp U-ground outlets and plugs
- ▶ Trip Level 4-6 mA
- ▶ Automatic reset
- ▶ Rated for indoor and outdoor use
- ▶ Class "A" people protection and GFCI
- ▶ 15 Amp 120 Volt
- ▶ 1875 watts, 60 Hz
- ▶ LED Power "ON" indicator
- ▶ Open Neutral and Ground Neutral protection
- ▶ Operating Temperature: -31°F to 151°F (-35°C to 66°C)
- ▶ Impact resistant case

Cat. No.	Case Qty
89003	63

5 Outlet GFCI Shock Buster



- ▶ GFCI Protected
- ▶ Plug into any 3-prong dual outlet
- ▶ Converts electrical outlet into a safety outlet
- ▶ Ideal for family TV rooms, dens, dormitory rooms, garage workshops and rec-rooms
- ▶ Protects from damaged electrical cords and hazardous electrical leakage levels
- ▶ Quick power shut off to avoid electrocution
- ▶ Built-in sensing device to detect leakage currents as low as 4mA
- ▶ 15 Amp 120 Volt

Cat. No.	Case Qty
89009	60

Temporary String Lighting - With Plastic Lamp Guards



- ▶ Temporary indoor illumination commonly used on construction jobsites, attics and garages
- ▶ Features a lamp socket every 10Ft
- ▶ 15 Amp 125 Volt
- ▶ 14/3 SJTW
- ▶ Accepts up to 150W lamps
- ▶ Non-Metallic Protective Cage Included
- ▶ OSHA & NEC Compliant

Cat. No.	Wire Gauge/Conductors	Length	Box Qty
71190	14/3	50 FT	1
71191	14/3	100 FT	1

Pigtail Socket



- ▶ Pigtail Type Medium Base Weatherproof Lampholder
- ▶ With Two #14, 6 inch Leads, One Black and One White
- ▶ Includes a rubber gasket that fits securely around the bulb neck to ensure water does not enter the socket
- ▶ Single Circuit, 660 Watt 250 Volt, Black, Right handed

Cat. No.	Size	Box Qty	Case Qty
45260	#14 Stranded, 6" Leads	25	250

Victor Split Knob



- ▶ Used in Temporary Lighting Applications
- ▶ Glazed Porcelain

Cat. No.	Trade Size	Box Qty
18090	1"	100
18091	1-1/2"	50

3 Outlet Power Adaptor



- ▶ 15A/125V
- ▶ Converts any grounded outlet to 3 grounded outlets
- ▶ Unbreakable Hard Rubber Material

Cat No.	Box Qty
89412	50

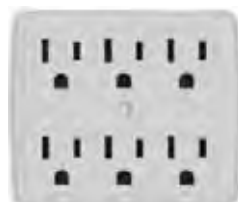
3 Outlet Power Adaptor - with Night Light



- ▶ Converts any grounded outlet to 3 grounded outlets
- ▶ Sensor Activated Night Light turns on automatically in the dark
- ▶ 15A/125V/1875W
- ▶ 2pcs/pack
- ▶ UL 498A

Cat. No.	Box Qty
89403	48

6 Outlet Power Adaptor



- ▶ Converts on 3-prong polarized outlet into 6 grounded outlets
- ▶ 15A/125V/1875W
- ▶ UL 498A

Cat. No.	Box Qty
89405	48

2 Prong To 3 Prong Adaptor



- ▶ Coverts any 2 Prong Polarized Outlet into a 3 Prong Grounded Outlet
- ▶ 15A/125V/1875W
- ▶ 2pcs/pack
- ▶ UL 498A Rated

Cat. No.	Box Qty
89400	48

3 Outlet Surge Protector



- ▶ Safely converts a standard outlet to 3 Outlets with Surge Protection
- ▶ Tamper Resistant rotating safety covers for all outlets
- ▶ 15A 120V 60 Hz
- ▶ Surge Dissipation: 900 Joules
- ▶ Clamping Voltage: 700V L-N
- ▶ Max Surge Voltage: 6,000V
- ▶ Max Current Spike: 15,000A
- ▶ 1-Line Surge Protection
- ▶ EMI/RFI Filtering
- ▶ UL 1449

Cat. No.	Joules	Box Qty
89040	900	48



6 Outlet Surge Protector



- ▶ Safely converts a standard wall outlet into a 6 Outlet Surge Protector
- ▶ Tamper Resistant rotating safety covers for all outlets
- ▶ 15A 120V 60 Hz
- ▶ Surge Dissipation: 1200 Joules
- ▶ Clamping Voltage: 500V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6,000V
- ▶ Max Current Spike: 60,000A
- ▶ 3-Line Surge Protection
- ▶ EMI/RFI Filtering
- ▶ UL 1449

Cat. No.	Joules	Box Qty
89010	1200	24



6 Outlet Surge Protector with Phone Line Protection



- ▶ 6 Outlet Surge Protector with Phone/Fax protection
- ▶ Tamper Resistant rotating safety covers for all outlets
- ▶ 15A 120V 60 Hz
- ▶ Surge Dissipation: 450 Joules
- ▶ Clamping Voltage: 700V L-N
- ▶ Max Surge Voltage: 6,000V
- ▶ Max Current Spike: 15,000A
- ▶ 1-Line Surge Protection
- ▶ EMI/RFI Filtering
- ▶ UL1449

Cat. No.	Joules	Box Qty
89012	450	40



6 Outlet Surge Protector with CATV Protection



- ▶ 6 Outlet Surge Protector with CATV protection
- ▶ Tamper Resistant rotating safety covers for all outlets
- ▶ 15A 120V 60 Hz
- ▶ Surge Dissipation: 450 Joules
- ▶ Clamping Voltage: 700V L-N
- ▶ Max Surge Voltage: 6,000V
- ▶ Max Current Spike: 15,000A
- ▶ 1-Line Surge Protection
- ▶ EMI/RFI Filtering
- ▶ UL 1449

Cat. No.	Joules	Box Qty
89014	450	40



6 Outlet Surge Tap with Two 2.1A USB Charging Ports



- ▶ Safely converts a standard wall outlet into 6 outlets with 2 USB ports 2.1A
- ▶ Provides surge protection for USB and electrical devices
- ▶ Phone cradle molded into top of device
- ▶ 15A 120V 60 Hz
- ▶ Surge Dissipation: 245 Joules
- ▶ Clamping Voltage: 800V L-N
- ▶ Max Surge Voltage: 6,000V
- ▶ Max Current Spike: 7,500A
- ▶ EMI/RFI Filtering
- ▶ UL 1449

Cat. No.	Joules	Box Qty
89016	245	3



Single Surge Outlet with Phone Line Protection



- ▶ Full 3 Line Surge Protection
- ▶ Surge Dissipation: 750 Joules
- ▶ Clamping Voltage: 330V
- ▶ EMI/RFI Noise Filter
- ▶ LED Indicator
- ▶ AC 125V/15A/1875W
- ▶ UL 498A and 1449

Cat. No.	Joules	Box Qty
89050	750	20



4 Outlet Surge Strip with Two 2.1A USB Charging Ports



- ▶ 4 Outlet Surge Protector & 2 USB Charging Ports 2.1A
- ▶ Provides Surge Protection for USB and Electrical devices
- ▶ Tamper Resistant rotating safety covers for all outlets
- ▶ 15A 120V 60 Hz, Lit Reset/Off switch over current protection
- ▶ Surge Dissipation: 800 Joules
- ▶ Clamping Voltage: 500V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6,000V, Max Current Spike: 30,000A
- ▶ 3-Line Surge Protection
- ▶ EMI/RFI Filtering
- ▶ UL 1449

Cat. No.	Joules	Cord Length	Box Qty
89020	800	6Ft	12

6 Outlet Power Strip



- ▶ Indoor Power Strip with 6 outlets
- ▶ Slim design for space saving
- ▶ On/off switch with built in circuit breaker
- ▶ Mounting key holes on back for easy hanging
- ▶ Plastic housing
- ▶ 15A 125V 60Hz 1875W, SJT 14/3
- ▶ UL 1363



Cat. No.	Cord Length	Box Qty
89022	6 Ft	36

6 Outlet Surge Strip



- ▶ Indoor power strip with 6 outlets
- ▶ Slim design for space saving
- ▶ Unlit on/off switch with built in circuit breaker
- ▶ Plastic enclosure
- ▶ Mounting key holes on back for easy hanging
- ▶ Clamping Voltage: 700V L-N
- ▶ 125V 15A 60Hz 1875W, SJT 14/3
- ▶ UL 1449



Cat. No.	Joules	Cord Length	Box Qty
89032	245	6 Ft	36
89034	245	12 Ft	24

6 Outlet Surge Strip with CATV Protection



- ▶ Indoor Surge Strip with 6 outlets and CATV protection
- ▶ EMI/Noise filter
- ▶ LED Surge Indicator light
- ▶ Full 3 Line Surge Protection
- ▶ Plastic housing
- ▶ Clamping Voltage: 500V L-N, N-G, L-G
- ▶ Max Surge Volts: 6,000V, Max Current Spike: 30,000A
- ▶ 15A 120V 60 Hz
- ▶ UL 1449

Cat. No.	Joules	Cord Length	Box Qty
89080	840	4 Ft	24
89081	800	6 Ft	24

6 Outlet Surge Strip with Phone Line Protection



- ▶ Indoor Surge Strip with 6 outlets & Phone/Fax/Modem protection
- ▶ EMI/Noise filter
- ▶ LED Surge Indicator light
- ▶ Full 3 Line Surge Protection
- ▶ Plastic housing
- ▶ Clamping Voltage: 500V L-N, N-G, L-G
- ▶ Max Surge Volts: 6,000V, Max Current Spike: 30,000A
- ▶ 15A 120V 60 Hz
- ▶ UL 1449

Cat. No.	Joules	Cord Length	Box Qty
89070	840	6 Ft	24
89071	800	6 Ft	24

6 Outlet Metal Surge Strip with 2 Transformer Outlets



- ▶ Horizontal Grounded Outlets
- ▶ Heavy Duty Metal Housing
- ▶ Tamper Resistant Slide Safety Covers for all outlets
- ▶ Lighted On/Off Circuit Breaker Switch
- ▶ Mounting key holes on back for easy hanging
- ▶ SJT 14/3 Cord Type, 15A 120V 60 Hz
- ▶ Surge Dissipation: 800 Joules
- ▶ Clamping Voltage: 500V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6,000V, Max Current Spike: 30,000A
- ▶ EMI/RFI Filtering
- ▶ 3-Line Surge Protection
- ▶ Surge Protection Indicator Light
- ▶ Power Shutdown Feature
- ▶ UL 1449

Cat. No.	Joules	Cord Length	Box Qty
89060	800	6Ft	20

7 Outlet Surge Strip with 1 Transformer Outlet



With Phone & CATV Protection



Ultimate Protection

- ▶ 7 Horizontal Grounded outlets with 1 Transformer Outlet
- ▶ Tamper Resistant Slide Safety Covers for all outlets
- ▶ Lighted On/Off Circuit Breaker Switch
- ▶ Mounting key holes on back for easy hanging
- ▶ SJT 14/3, 15A 120V 60Hz
- ▶ Surge Dissipation: 2100 Joules
- ▶ Clamping Voltage: 400V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6,000V, Max Current Spike: 75,000A
- ▶ Power Shutdown Feature
- ▶ EMI/RFI Filtering
- ▶ 3-Line Surge Protection
- ▶ MCOV 127 Vac. In 3KA
- ▶ UL 1449

Cat No.	Joules	Cord Length	Function	Box Qty
89092	2100	6Ft	Phone/CATV	12

8 Outlet Surge Strip with Phone Line & CATV Protection



Ultimate Protection

- ▶ 2 Power Adapter spaces to allow more flexibility
- ▶ Tamper Resistant Slide Safety Covers for all Outlets
- ▶ Lighted On/Off Circuit Breaker
- ▶ Mounting key holes on back for easy hanging
- ▶ Sliding Cable Organizer Bracket
- ▶ 15A 125V 60Hz
- ▶ Surge Dissipation: 2100 Joules
- ▶ Clamping Voltage: 400V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6,000V, Max Current Spike: 75,000A
- ▶ EMI/RFI Filtering
- ▶ 3-Line Surge Protection
- ▶ MCOV 127 Vac. In 3KA
- ▶ Power Shutdown Feature
- ▶ UL 1449

Cat. No.	Joules	Cord	Function	Box Qty
89091	2100	6Ft	Phone/Fax/CATV	20

9 Outlet Surge Strip with Phone Line & CATV Protection



- ▶ Indoor Surge Strip with 9 outlets and Phone/Fax/Modem/CATV protection
- ▶ EMI/Noise filter
- ▶ LED Surge Indicator light
- ▶ Full 3 Line Surge Protection
- ▶ Plastic Housing
- ▶ Surge Dissipation: 1260Joules
- ▶ Max Surge Volts: 6,500V, Max Current Spike: 58,500A
- ▶ 15A 120V 60 Hz
- ▶ UL 1449

Cat. No.	Joules	Length	Box Qty
89090	1260	6Ft	20

10 Outlet Surge Strip with 2 Transformers

With Phone & CATV Protection



Ultimate Protection

- ▶ Mounting key holes on back for easy hanging

- ▶ 2 Adapter Spacing for more flexibility in plug/adaptor configurations
- ▶ Slide Safety Covers for all outlets
- ▶ Lighted on/off Circuit Breaker Switch
- ▶ LED indicator light for function status
- ▶ Sliding Cable Organizer Bracket
- ▶ SJT 14/3, 15A 120V 60Hz
- ▶ Surge Dissipation: 3600 Joules
- ▶ Clamping Voltage: 400V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6,000V
- ▶ Max Current Spike: 135,000A
- ▶ EMI/RFI Filtering,
- ▶ 3-Line Surge Protection
- ▶ Power Shutdown Feature
- ▶ MCOV 127 Vac. In 3KA
- ▶ UL 1449

Cat. No.	Joules	Cord Length	Box Qty
89093	3600	6Ft	8

Heavy Duty Metal Power Bar Surge Strip



- ▶ Mounting key holes on back for easy hanging

- ▶ 12 Outlet 48" long power surge strip
- ▶ Durable construction for Lab, Work-Shop & Office Applications etc.
- ▶ Brushed Aluminum Housing
- ▶ Lighted On/Off Circuit Breaker Switch
- ▶ LED indicator light for function status
- ▶ 15A 120V, 1875W 60Hz
- ▶ Surge Dissipation: 450 Joules
- ▶ Clamping Voltage: 500V L-N, N-G, L-G
- ▶ Max Surge Voltage: 6000V
- ▶ Max Current Spike: 22500A
- ▶ 6Ft SJT 14/3 Power Cord
- ▶ EMI/RFI Filtering
- ▶ 3-Line Surge Protection
- ▶ UL 1449

Cat. No.	Joules	Cord Length	Box Qty
89100	450	6 Ft	4

Whole-House Lightning Arrester/Surge Suppressor



- ▶ Installs at electrical panel, electrical disconnect to protect Pumps, Motors, HVAC Condensers & Incoming Utility Power for Residential & Light Commercial Applications
- ▶ Hardwire Parallel Connection
- ▶ Unlimited (Parallel Installation) Continuous Current
- ▶ Response Time: <1 nSec component level
- ▶ Automatic Reset to Protect against Multiple Surge Events
- ▶ MCOV: 130 VAC (L - G), 260 VAC (L - L)
- ▶ AC protection Modes: 500V (L - G) & 900V (L - L)
- ▶ Short Circuit Current Rating: 10,000A
- ▶ Operating Frequency: 0 - 400 Hz
- ▶ Protection Type: SPD Type 2
- ▶ Service Voltage: 120/240VAC (2w+G) Single Phase
- ▶ WeatherProof High Impact ABS Non-Metallic Housing
- ▶ Housing size: 3" x 2.25" x .75"
- ▶ Indicator light for surge protection, grounding and power status
- ▶ cULus Listed, UL 1449, 3rd Edition; ANSI/IEEE C62.11

Cat. No.	Indicator Light	Max Surge Current	Max Energy Dissipation	Case Qty
89114	Yes	72,000Amps	940 Joules	48

SECTION

Z



Chimes Transformers & Pushbuttons

- ▶ Chime Kits Z1
- ▶ Transformers, Pushbuttons Z2-Z3
- ▶ Bells, Buzzers Z2
- ▶ Door Switches/Contacts Z3

Builder's Chime Kit



Kit Contents:
 (1) Chime (white)
 (2) Push buttons (white)
 (1) 16V 10W transformer

- ▶ White cover designed to go with any décor
- ▶ High quality sound bars provide pleasing tone
- ▶ Sound Level: 83 db Max
- ▶ Non-stick buttons & non-stick plungers provide years of trouble-free performance
- ▶ Lit Pushbuttons contain 28 volt low density bulbs for long life
- ▶ Easy installation
- ▶ Chime Dimensions: 7" x 4" x 2"

Cat. No.	Description	Kits/Case
78010	Kit with 2 Unlit Pushbuttons	24
78020	Kit with 2 Lit Pushbuttons	24
78000	Chime Only (no buttons or transformer)	24

Builder's Chime Kit with 5/8" Diameter Pushbutton



Contents:
 (1) Chime (White)
 (1) Lit gold rim pearl push button
 (1) 16Volt 10 Watt transformer

- ▶ White cover designed to go with any décor
- ▶ High quality sound bars provide pleasing tone
- ▶ Sound Level: 83 db Max
- ▶ Non-stick buttons & non-stick plungers provide years of trouble free performance
- ▶ Lit Pushbutton contains 28 volt low density bulb for long life
- ▶ Easy installation
- ▶ Chime Dimensions: 7" x 4" x 2"

Cat. No.	Description	Kits/Case
78030	Kit with 1 Lit 5/8" Dia. Pushbutton	24

Wireless Battery Powered Door Chime Kit



- ▶ 3 different chime tunes
(8 note Westminster, 2 note ding/dong & 1 note ding)
- ▶ Weatherproof pushbutton
- ▶ 12V A23 battery included
- ▶ 100 ft. operating range (assuming no barriers to signal reception such as walls etc.)
- ▶ Receiver takes 2-C batteries (not included)

Cat. No.	Description	Case Qty
78040	Wireless Chime with Pushbutton	24
78049	Wireless Pushbutton Only	—

Wireless Plug-In Door Chime Kit



- ▶ 120 VAC plug fits into any outlet
- ▶ 3 different chime tunes
(8 note Westminster, 2 note ding/dong & 1 note ding)
- ▶ Weatherproof pushbutton
- ▶ 100 ft. operating range (assuming no barriers to signal reception such as walls etc.)
- ▶ 12V A23 battery included

Cat. No.	Description	Case Qty
78045	Plug-in Wireless Chime with Pushbutton	24
78049	Wireless Pushbutton Only	--

Transformers



- Quality transformers engineered to ensure long life with bells, buzzers, chimes, door openers, etc.
- Quick Clamp mounting feature allows quick & easy installation
- 120 VAC Input
- Thermally Protected
- Fits Standard Wiring Knockout
- Class 2 Energy Limiting Type

Cat. No.	Volts	Case Qty
78200	16V10VA	20
78202	16V15VA	20
78204	8V10VA, 16V10VA, 24V20VA	20
78208	8V20VA, 16V30VA, 24V30VA	30
78210	24V40VA	30
78212	10V5VA	20

Bells



- Satin Aluminum finish with Snap-On Cover for easy installation
- May Be operated By 6 VDC or 8-16 VAC transformer

Cat. No.	Description	Amps	Amps/Watts	Case Qty
78120	2 1/2" bell	.68A	11W	40
78130	3" bell	.68A	11W	40
78140	4" bell	2.2A	35W	40

Buzzer



- Satin Aluminum finish with Snap-On Cover for easy installation
- May Be operated By 6VDC or 8-16 VAC Transformer

Cat. No.	Description	Case Qty
78110	Buzzer	40

Plastic Pushbuttons



- Surface Mount
- Plastic material
- White color
- 7/8" X 2-7/8"

Cat. No.	Type	Case Qty
78231	Unlit	500
78232	Lit	500

Round Pushbutton



- 1-3/4" diameter
- Max 16VDC
- Traditional round push button
- Attractive Brass finish
- Unlit Surface Mount

Cat. No.	Color	Box Qty	Case Qty
78234	Polished Brass	6	120
78235	Antique Brass	6	120

Lit Stucco Pushbutton



- 5/8" Diameter Lighted Gold Rim Pearl Button
- 2-1/2" Diameter Gold Anodized aluminum plate and spring set

Cat. No.	Case Qty
78240	220

Plastic Sleeve for Escutcheon



- Non-metallic wiring sleeve for stucco or drywall applications

Cat. No.	Length	Width	Bag Qty
78242	2.62"	1.58"	1

Decorative Pushbuttons



Fig 1

Fig 2

Fig 3

- ▶ Decorative Designs
- ▶ Back Lit Button
- ▶ Flush Mount Design
- ▶ 16VDC

Cat. No.	Fig	Color	Dimensions	Box Qty	Case Qty
78252	1	White	4"H x 1-1/8"W	6	120
78253	2	Black	4"H x 1-1/8"W	6	120
78256	3	Pewter	3-1/4"H x 1-1/4"W	6	120

Gold Rim Lit Pushbutton



- ▶ 5/8" Diameter lighted gold rim pearl pushbutton
- ▶ Chrome finish

Cat. No.	Case Qty
78220	500

Electric Door Release



- ▶ Commonly used in apartment & offices buildings
- ▶ Allows remote opening when energized
- ▶ Reversible for right or left hand doors
- ▶ Normally closed or locked, Mortise type
- ▶ Use with new or replacement wood or metal
- ▶ Brass finish face plate includes 2 brass mounting screws
- ▶ 8-16VAC, 3-6VDC - Use with 78200 transformer
- ▶ Face Plate: 1-1/4" x 5-7/8"
- ▶ Case: 1-5/16" x 3-5/8" x 1-7/16"
- ▶ Latch: 1-3/8" opening

Cat. No.	Box Qty
70330	1

Reed Switch



- ▶ Triggers alarm when doors, windows & entry-ways are opened
- ▶ SPDT .5 Amp 24VDC, Normally Closed & Normally Open
- ▶ Magnetic Switch, 3 Terminals
- ▶ Adhesive Backing

Cat.	Color	Bag Qty
70501	White	10

Door Switch



- ▶ Push button switch with metal box, cover plate & mounting hardware to operate lights when door is opened
- ▶ Typically used for closets, dark rooms, walk-in refrigerators
- ▶ Mounts in door jam
- ▶ 6" wire leads
- ▶ Mounting hole is approximately 1.25" x 2.75" x 2.0" (W x H x D)
- ▶ Normally on momentary contact
- ▶ AC/DC SPST, 10A 125VAC, 10A 250VAC

Cat. No.	Box Qty
70420	1

Roller Ball Door Contacts



- ▶ Suitable for security & alarm systems, signaling circuits and all types of general low voltage switching applications
- ▶ Used with Doors, Windows or Bells/Buzzers
- ▶ Designed to operate when depressed from any angle
- ▶ 70332 Door Closed - Circuit Off (light off) Door Open - Circuit On (light on)
- ▶ 70334 Door Closed - Circuit On (light on) Door Open - Circuit Off (light off)
- ▶ 70336 Door Closed/Opened - Momentary On (Buzzer/Bell on then off)
- ▶ Low Voltage Only 48VAC Max, 2 nickel wood screws Included

Cat. No.	Type	Contact Volts	Amps AC	Amps DC	Dia.	Length	Hole Spacing	Box Qty
70332	Open Circuit On	12	2	2	.782	1.13	1.27	1
70334	Open Circuit Off	24	2	1	.782	1.13	1.27	1
70336	Make & Break Circuit	48	1	0.5	.782	1.13	1.27	1

SECTION
AA



Photocontrols

- ▶ Slide Shutter Style AA1
- ▶ Locking Style AA1-AA2
- ▶ Button Style AA3
- ▶ Pencil Style AA3

Photocontrols - Shutter Style



Fixed Base



Swivel Base

- Polycarbonate Weatherproof Housing
- Adjustable Slide Bar Allows Field Adjustments
- 30-60 Second Time Delay
- Contact Position: Normally Closed
- SPST
- Temp Rate: -40°F to 158°F
- Relative Humidity: 96%
- Power Consumption: 1.5 Watts Average
- 6 Color Coded Leads
- 1/2" Threaded Base with Rubber Gasket & Zinc Locknut

Fixed Base

Cat. No.	Voltage	Tungsten Rating	Ballast Rating	Case Qty
39010	120V	2000W	2000VA	100
39012	208-277V	2000W	2000VA	100

Swivel Base

Cat. No.	Voltage	Tungsten Rating	Ballast Rating	Case Qty
39020	120V	2000W	2000VA	100
39022	208-277V	2000W	2000VA	100

Photocontrols - Shutter Style - Spec Grade



- Die Cast Aluminum Vandal Resistant Housing
- 1" Extra Wide Light Sensor for Increased Accuracy
- Adjustable Slide Bar Allows Field Adjustments
- 30-60 Second Time Delay
- Contact Position: Normally Closed
- SPST
- Temp Rate: -40°F to 158°F
- Relative Humidity: 96%
- Power Consumption: 1.5 Watts Average
- 6 Color Coded Leads
- 1/2" Threaded Swivel Base with Rubber Gasket & Zinc

Fixed Base

Cat. No.	Voltage	Tungsten Rating	Ballast Rating	Light Sensor	Case Qty
39011	120V	3000W	3000VA	1"	50
39013	208-277V	3000W	3000VA	1"	50

Locking Style Receptacles



Fig 1 - Fixture Mount



Fig 2 - Bracket Mount

- Phenolic Socket
- Brass Contacts
- ABS Waterproof Back Cover
- 1/2" Conduit with Zinc Alloy Locknut
- Temp Rate: -40°F to 176°F
- Relative Humidity : 96%

Cat. No.	Fig	Mount	Voltage	Amps	Case Qty
39070	1	Fixture	0-480V	15	100
39072	2	Aluminum Bracket	0-480V	15	100



Fig 1



Fig 2



Fig 3



Fig 4



Fig 5

Locking Type - Spec Grade

- Cost effective Means of Controlling Utility, Commercial & Residential Lighting Systems
- 30-120 Second Time Delay
- UV Stabilized Polycarbonate Cover and Clear Window
- High Impact Polybutylene Terephthalate Base
- IP65 Protection While Installed
- 1" Light Sensor
- Temp Rate: -40°F to 158°F
- Relative Humidity: 96%
- Power Consumption: 1.5 Watts Average
- Electrical Life: 6500 Cycles

Cat. No.	Fig	Voltage	Tungsten Rating	Ballast Rating	Color	Case Qty
39053	1	120V	1800W	1000VA	Gray	100
39051	2	208-277V	1800W	1000VA	Maroon	100
39055	3	480V	1800W	1000VA	Yellow	100

Locking Type - Standard

- Cost effective Means of Controlling Residential Lighting Systems
- 5-20 Second Time Delay
- UV Stabilized Polycarbonate Cover
- High Impact Polybutylene Terephthalate Base
- IP65 Protection While Installed
- 1/2" Light Sensor
- Temp Rate: -40°F to 158°F
- Relative Humidity: 96%
- Power Consumption: 1.5 Watts Average
- Electrical Life: 5000 Cycles
- *39052 ETL Listed

Cat. No.	Fig	Voltage	Surge Protection	Tungsten Rating	Ballast Rating	Color	Case Qty
39050	4	120V	-	1800W	1000VA	Clear	100
*39052	5	105 - 285V	235 Joules 5,000A 820V Clamping	1000W	1800VA	Blue	100

Photocontrols - Accessories

Shorting Cap



Fig 1

- For testing twist-lock photocontrols while under maintenance
- UV Stabilized Polycarbonate Cover
- High Impact Polybutylene Terephthalate Base
- IP65 Protection While Installed

Cat. No.	Fig	Voltage	Surge Protection	Tungsten Rating	Ballast Rating	Color	Case Qty
39056	1	480	-	7200W	7200VA	Black	100
39058	1	480	460 Joules 10,000A 820V Clamping	7200W	7200VA	Black	100

Open Circuit Cap



Fig 2

- Used for temporarily turning off a luminaire with twist lock
- UV Stabilized Polycarbonate Cover
- High Impact Polybutylene Terephthalate Base
- IP65 Protection While Installed

Cat. No.	Fig	Voltage	Color	Case Qty
39057	2	480	Red	100

Photocontrols – Flush Mount



Fig 1



Fig 2

- ▶ Weatherproof Polycarbonate Housing & Lens
- ▶ SPST - Normally Open
- ▶ 1/2" CDS Photocell
- ▶ 30-60 Second Time Delay
- ▶ Light Levels: ON: .9 to 1.9 FC OFF: 2.8 To 5.6 FC
- ▶ Thermal Switch
- ▶ Temperature Range: -40°F to 158°F
- ▶ Relative Humidity: 96%
- ▶ Contact position at night is normally closed
- ▶ Power Consumption Below 1.5 Watts Max
- ▶ Life Cycle: 6500 Cycles
- ▶ 3/8"-18 Thread Nipple with Rubber Gasket and Plastic Locknut
- ▶ 6" Leads Exit Rear of Housing for Tight locations
- ▶ 39069 body detached from sensor for convenient wiring

Cat. No.	Fig	Voltage	Tungsten Rating	Ballast Rating	Case Qty
39030	1	120V	1800W	1100VA	150
39032	1	208-277V	2000W	2000VA	150

Mini-Flush Mount (Replacement For 71299-71301 Fixtures Pg CC7)

39069	2	120V	150W	100VA	150
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Flush Mount with Wallplate



- ▶ Weatherproof Polycarbonate Housing & Lens
- ▶ Brushed Aluminum Wallplate and Gasket
- ▶ SPST - Normally Open
- ▶ 1/2" CDS Photocell
- ▶ 30-60 Second Time Delay
- ▶ Light Levels: ON: .9 to 1.9 FC OFF: 2.8 To 5.6 FC
- ▶ Thermal Switch
- ▶ Temperature Range: -40°F to 158°F
- ▶ Relative Humidity: 96%
- ▶ Contact position at night is normally closed
- ▶ Power Consumption Below 1.5 Watts Average
- ▶ Life Cycle: 6500 Cycles
- ▶ 3/8"-18 Thread Nipple with Rubber Gasket and Plastic Locknut
- ▶ 6" Leads Exit Rear of Housing for Tight locations

Cat. No.	Voltage	Tungsten Rating	Ballast Rating	Case Qty
39040	120V	1800W	1100	100
39042	208-277V	2000W	2000	100

Photocontrols - Pencil Type



Swivel Base

- ▶ Weatherproof Polycarbonate Housing & Lens
- ▶ 1/2" CDS Light Sensor with Heat Sink
- ▶ Thermal Switch
- ▶ 30-60 Second Time Delay
- ▶ Light Levels: ON: .9 to 1.9 FC OFF: 2.8 To 5.6 FC
- ▶ Contact Position: Normally Open
- ▶ SPST
- ▶ Temperature Rate: -40°F to 158°F
- ▶ Relative Humidity: 96%
- ▶ Power Consumption: 1.5 Watts Max
- ▶ Life Cycle: 6500 Cycles
- ▶ 6" Color Coded Leads
- ▶ 1/2" Swivel Base Conduit with Rubber Gasket & Zinc Locknut

Cat. No.	Voltage	Tungsten Rating	Ballast Rating	Case Qty
39060	120V	1800W	1100 VA	100
39062	208-277V	1800W	1100 VA	100

Photocontrol Mount - Swivel Extender



Available
January 2015

- ▶ Swivel Adaptor for Photocontrol - Extends Length of Photoeye
- ▶ Works with the following: 39010, 39012, 39020, 39022, 39060, 39062
- ▶ Polycarbonate

Cat. No.	Description	Box Qty
39063	Photocontrol Mount Swivel Extender	1

SECTION
BB



Time Controls

- ▶ Mechanical Time Controls BB1-BB2
- ▶ Electronic Time Controls BB2
- ▶ DPDT Multi-Voltage Time Controls BB2
- ▶ In-Wall Electronic Timers BB3-BB4
- ▶ Springwound Timers BB4



*Rain-Tight
NEMA 3R Enclosure*

- ▶ 24 Hour Heavy Duty Mechanical Time Controls
- ▶ Residential, Commercial & Industrial Applications
- ▶ 12 On/Off Cycles Per Day - Min: 30 Min Max: 24 Hours
- ▶ Manual Override
- ▶ 40 Amp Resistive
- ▶ 40 Amp Inductive
- ▶ 40 Amp Tungsten
- ▶ Ballast Rating: 10A 120-277V
- ▶ Pilot Duty Rating: 1000 VA
- ▶ HP Rating: 120V - 2 HP, 208V/277V - 5 HP
- ▶ Powder Coated Steel NEMA 3R Enclosure with Locking Hasp - 1/2" & 3/4" KO's

Cat. No.	Volts	Switch	HP Rating	Box Qty	Case Qty
80463	120	SPST	2	1	10
80464	208-277	SPST	5	1	10
80465	120	DPST	2	1	10
80466	208-277	DPST	5	1	10

24 Hour Multi-Voltage Time Control - 120-277V



*Rain-Tight
NEMA 3R Enclosure*

- ▶ 24 Hour Heavy Duty Mechanical Time Control
- ▶ Voltage Selectable from 120-277V
- ▶ DPST Switch Configuration
- ▶ Residential, Commercial & Industrial Applications
- ▶ 12 On/Off Cycles Per Day - Min: 30 Min Max: 24 Hours
- ▶ Manual Override
- ▶ 40 Amp Resistive
- ▶ 40 Amp Inductive
- ▶ 40 Amp Tungsten
- ▶ Ballast Rating: 10A 120-277V
- ▶ Pilot Duty Rating: 1000 VA
- ▶ HP Rating: 120V - 2 HP, 208V/277V - 5 HP
- ▶ Powder Coated Steel NEMA 3R Enclosure with Locking Hasp - 1/2" & 3/4" KO's

Cat. No.	Volts	Switch	Box Qty	Case Qty
80462	120-208-240-277	DPST	1	10

Accessories



80467/
80468



80469

Cat. No.	Description	Time Control Unit Used With	Box Qty
80469	On/Off Tripper (Pair)	80462 80463 80464 80465 80466	1
80467	120V Replacement Motor	80463 80465	1
80468	208-277V Replacement Motor	80464 80466	1

24 Hour Multi-Voltage Time Control - 120-277V DPDT



*Rain-Tight
NEMA 3R Enclosure*

- ▶ 24 Hour Heavy Duty Mechanical Time Control
- ▶ Voltage Selectable from 120V Thru 277V AC
- ▶ DPDT Switch Configuration
- ▶ Residential, Commercial & Industrial Applications
- ▶ 48 On/Off Cycles Per Day - Min: 15 Minute Max: 24 Hours
- ▶ Manual Override
- ▶ Power/Load Indicator
- ▶ 40 Amp Resistive 120-240V
- ▶ 30 Amp Resistive @ 277V
- ▶ 30A Resistive @ 14VDC
- ▶ Ballast Rating: 10A @120V, 5A @ 208-277V
- ▶ Tungsten Rating: 8.3A @120V, 5.4A @ 208-277V
- ▶ Pilot Duty Rating: 800 VA @ 120V, 720VA @ 208-277
- ▶ ABS Non-Metallic NEMA 3R Enclosure with Locking Hasp - 1/2" & 3/4" KO's

Cat. No.	Volts	Switch	Box Qty	Case Qty
80460	120-208-240-277	DPDT	1	10

7 Day Electronic Time Controls - Multi-Voltage



*Rain-Tight
NEMA 3R Enclosure*

- ▶ 7 Day Programmable Electronic Time Controls
- ▶ Voltage Selectable from 120V-277V
- ▶ Available In Both Single & Double Pole Switch Configurations
- ▶ Battery Backup
- ▶ Residential, Commercial & Industrial Applications
- ▶ 9 On/Off Cycles Per Day - Min: 1 Minute Max: 7 Days
- ▶ AM/PM Display
- ▶ Load Indicator
- ▶ Manual Override Key
- ▶ Countdown Function - Max 12 Hours
- ▶ 40 Amp Resistive @ 120-240V
- ▶ 30 Amp Resistive @ 277V
- ▶ 30A Resistive @ 14VDC
- ▶ Ballast Rating: 10A @120V, 5A @ 208-277V
- ▶ Tungsten Rating: 8.3A @120V, 5.4A @ 208-277V
- ▶ Pilot Duty Rating: 800 VA @ 120V, 720VA @ 208-277
- ▶ HP Rating: 120V - 1HP, 208V/240V - 2HP, 277V - 1HP
- ▶ ABS Non-Metallic NEMA 3R Enclosure with Locking Hasp - 1/2" & 3/4" KO's

Cat. No.	Volts	Switch	Box Qty	Case Qty
80480	120-208-240-277	SPST	1	10
80481	120-208-240-277	DPST	1	10



- ▶ In-Wall Hardwired 7 Day Digital Timer
- ▶ Replaces existing ordinary wall switch - Indoor Use Only
- ▶ Used for 24 hour or 7 day load control of lights, fans, pumps, & other medium-duty loads for energy savings and security
- ▶ 7 On/Off Events Per Day
- ▶ NIMh Battery Backup
- ▶ Temperature range: 32°F to 158°F (0°C to 70°C)
- ▶ Provides random setting function in order to adjust the On/Off schedule within a range of +/-30mins
- ▶ Timer Program Override by On/Off button
- ▶ General: 15A, 60 Hz, 120 VAC, 1/4 HP
- ▶ Tungsten Incandescent Rating: 8A 1000 Watts @ 125V
- ▶ Resistive Rating: 15A 1875W @ 125V
- ▶ Ballast Standard 8A @ 125V
- ▶ Wallplate included

Cat. No.	Color	Case Qty
80510	Ivory	6
80511	White	6

7 Day In-Wall Digital Self-Adjusting Timer - SunTracker



- ▶ In-Wall hardwired 7 day digital timer with astronomic features
- ▶ Suntracker features mean only setting it once without ever having to reset it again; follows daily changes in sunrise/sunset times
- ▶ Day-light Saving time automatically adjusts for changes twice a year
- ▶ Replaces existing ordinary wall switch - Indoor Use Only
- ▶ Used for 24 hour or 7 day load control of lights, fans, pumps, & other medium-duty loads for energy savings and security
- ▶ 7 On/Off Events Per Day
- ▶ NIMh Battery Backup
- ▶ Provides random setting function in order to adjust the On/Off schedule within a range of +/-30mins
- ▶ Manual Override
- ▶ General Rating: 15A, 60 Hz, 120 VAC, 1/4 HP
- ▶ Tungsten Incandescent Rating: 8A 1000 Watts @ 125V
- ▶ Resistive Rating: 15A 1875W @ 125V
- ▶ Ballast (Fluorescent) 8A @ 125V
- ▶ Wallplate included

**SunTracker &
Daylight Savings
Features**

Cat. No.	Color	Case Qty
80515	Ivory	6
80516	White	6

In-Wall Countdown Timer



- ▶ Auto On/Off Lighting Control
- ▶ 5 Programmed Events, replaces existing ordinary wall switch
- ▶ Ideal for kitchen, bathroom, hallway or porch lights
- ▶ Can be set at 60min/30min/20min/10min/Hold/Off
- ▶ General Rating: 15A, 60 Hz, 120VAC, 1/4 HP
- ▶ Tungsten Rating: 8.3A 1000W @ 125V
- ▶ Resistive Rating: 15A 1800W @ 125V
- ▶ Fluorescent Ballast: 1000VA @ 125V
- ▶ Wallplate Included

Cat. No.	Color	Case Qty
80505	White	6

Spring Wound Timers



- ▶ In-Wall Spring Wound Countdown Timers
- ▶ 20A
- ▶ 2500W Resistive @ 125V
- ▶ Tungsten Rating: 8A 1000W @ 125V
- ▶ Ballast Rating: 5A 625W @ 125V
- ▶ HP Rating: 1 HP
- ▶ Color: White

Cat. No.	Function	Time	Case Qty
80490	SPST	30 Min	50
80491	DPST	30 Min	50
80492	SPST	60 Min	50
80493	DPST	60 Min	50
80494	SPST	120 Min	50
80495	SPST	180 Min	50
80496	SPST	6 hour	50
80497	SPST	12 Hour	50

SECTION
CC



Lighting

LED Under Cabinets



CC1

LED Dusk To Dawn



CC2

LED Floodlights



CC3-CC5

**LED Combo
Flood/WallPacks**



CC5

**LED
WallPacks**



CC6

LED EntryWay



CC7

**LED Recessed
Retrofit Kits**



CC7

HID WallPacks



CC8-CC10

HID FloodLights



CC11

**Quartz
Floodlights**



CC12

Motion Activated



CC13

LampHolders & Lamps



CC12, CC14

LED Dusk To Dawn Area Light



71330



71332

- ▶ Cree CXA LED
- ▶ Color Temperature: 5000K Cool White
- ▶ LED Area Light for Safety/Security Lighting
- ▶ Porches, Garages, Barns, Parking Areas, Area Lighting
- ▶ Voltage: 120/208/240/277V
- ▶ Includes Morris #39052 Surge Protection 110-277V Twist-Lock Photocell
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ IP65 (NEMA 4X) Dust & Water Tight
- ▶ cULus listed for Wet Locations
- ▶ Integral Cooling Fin Releases the Heat Efficiently to Maintain the Life of LED's & LED Driver
- ▶ Stainless Steel Hardware
- ▶ Superior Powder Coat Finish
- ▶ Anti-Glare Polycarbonate Frosted Lens
- ▶ Polycarbonate Lens resists yellowing
- ▶ CRI: 72+
- ▶ Low Tj for Low Lumen Depreciation, Longer Life
- ▶ Operation Temperature: -22°F to 104°F
- ▶ 50,000+ Hour LED Life Expectancy
- ▶ Input Current: 0.36 - .16 Amps
- ▶ 71332 DLC Certified
- ▶ *71332 Includes Optional Use 21" 90° Mounting Arm
- ▶ 5 Year Warranty

LED
Lighting

CC2

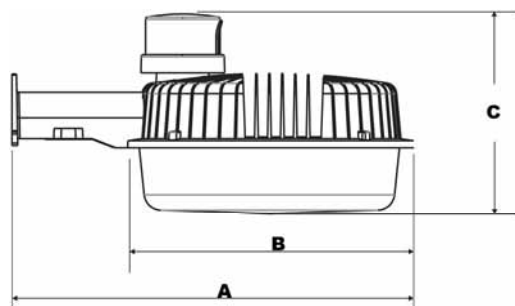
Premium 105-285V Surge Protected Locking Photocell Included with Each LED Dusk To Dawn Light



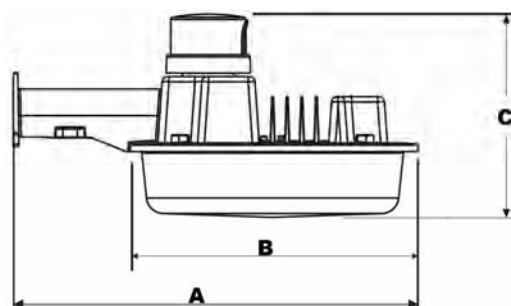
- ▶ 5-20 Second Time Delay
- ▶ UV Stabilized Polycarbonate Cover
- ▶ High Impact Polybutylene Terephthalate Base
- ▶ IP65 Protection While Installed
- ▶ 1/2" Light Sensor
- ▶ Temperature Rating: -40°F to +158°F
- ▶ Relative Humidity: 96%
- ▶ Power Consumption: 1.5 Watts Average
- ▶ Electrical Life: 5000 Cycles

Voltage	Surge Protection	Tungsten Rating	Ballast Rating
105 - 285	235 Joules 5,000A 820V Clamping	1000W	1800VA

Re-Order Part#: 39052



71330



71332

Cat. No.	Watts	Delivered Lumens	Metal Halide Equivalent	Dimensions			Weight (Lbs)	Case Qty
				A	B	C		
71330	42.2	2167	100	14"	10"	7"	6.3	6
71332*	40	2944	150	14"	10"	7"	7.5	6

*Mounting Arm Included



1/2" Adjustable Knuckle



2-3/8" Slip Fitter



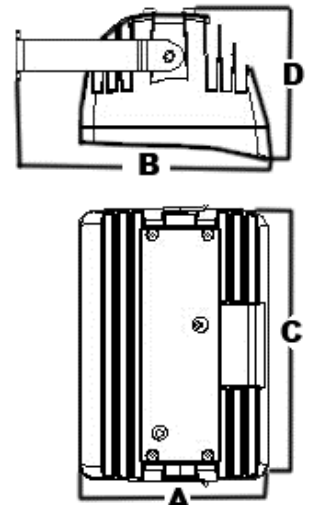
New! Available
December 2014



Yoke Bracket



Trunion



- ▶ Cree CXA LED's
- ▶ Color Temperature: 5000K Cool White
- ▶ Voltage: 120-277VAC (120/208/240/277V)
- ▶ IP65 Rated Dust & Water Tight
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ Superior Architectural Bronze Powder Coat Finish
- ▶ Stainless Steel Hardware
- ▶ Waterproof & Durable Silicone Rubber Gasket
- ▶ Tempered Glass Lens

- ▶ Power Factor > 90%
- ▶ Luminous Efficiency: 75 - 85 Lumens/Watt
- ▶ CRI: 75+
- ▶ Beam Angle: 120°
- ▶ Operating Temperature: -4°F To 131°F
- ▶ 50,000+ Hour Life Expectancy
- ▶ cULus listed for Wet Locations
- ▶ 5 Year Warranty

Cat. No.	Mounting	Watts	Delivered Lumens	Metal Halide Equivalent	Input Current	Dimensions (Inches)				Weight (Lbs)	Case Qty
						A	B	C	D		
71342	Yoke (Bracket)	31	2630	100W MH	.38A	6	8	8-5/8	4-3/4	5.5	4
71343	1/2" Adj. Knuckle						9-1/2				
71345	Yoke (Bracket)	53	4380	150W MH	.38A	6-3/4	9-1/8	10	6	7.7	2
71346	1/2" Adj. Knuckle						9-7/8				
71352	Trunion	82	6150	200W MH	.85A	8-1/2	11-7/8	12-1/4	7-1/4	18.7	1
71353	2-3/8" Slip Fitter						15-7/8				
71355	Trunion	97	7500	250W MH	1.2A	8-1/2	11-7/8	12-1/4	7-1/4	18.7	1
71356	2-3/8" Slip Fitter						15-7/8				

LED ARRAY-FLOOD Lights



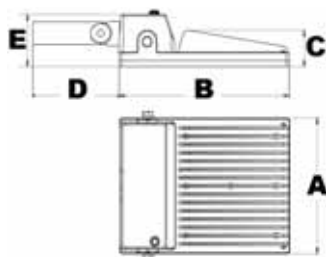
71312
Full Bracket



71313
1/2" Adjustable Knuckle



71314
2-3/8" Slip Fitter



- ▶ Cree XTE LED's
- ▶ Color Temperature: 4700K Cool White
- ▶ Voltage: 120-277VAC (120/208/240/277V)
- ▶ cULus listed for Wet Locations
- ▶ IP65 (NEMA 4X) Dust & Water Tight
- ▶ Integral Cooling Fin Releases Heat Efficiently to Maintain the Life of LED's & LED Driver
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ Superior Architectural Bronze Powder Coat Finish
- ▶ Stainless Steel Hardware
- ▶ Waterproof & Durable Silicone Rubber Gaskets Keeps Water & Bugs out

- ▶ Tempered Glass Lens
- ▶ Anodized Aluminum Reflector
- ▶ CRI: 72+
- ▶ Light Pattern: 120° Beam Spread Flood
- ▶ Operation Temperature: -22°F to 104°F
- ▶ Input Current: 0.6-0.15 Amps
- ▶ 60,000+ Hour LED Life Expectancy
- ▶ Photoeye not included
- ▶ Weight: 7.1 Lbs
- ▶ 5 Year Warranty

Cat. No.	Mounting	Watts	Delivered Lumens	Metal Halide Equivalent	Number of LED's	Dimensions (Inches)					Case Qty
						A	B	C	D	E	
71312	Full Bracket	47	3628	150W-200W MH	20	7"	10"	1-7/8"	1-7/8"	2-3/4"	6
71313	1/2" Adj. Knuckle	47	3628	150W-200W MH	20	7"	10"	1-7/8"	2-3/4"	2-3/4"	6
71314	2-3/8" Slip Fitter	47	3628	150W-200W MH	20	7"	10"	1-7/8"	6-1/2"	2-3/4"	6

LED Bullet Flood Lights



5 Year Warranty

- ▶ Cree CXA LED's, CRI: 70+
- ▶ Voltage: 120-277VAC
- ▶ Isolated Driver Compartment for Optimal Thermal Management
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ Superior Architectural Bronze Powder Coat Finish
- ▶ Fluted Reflector & Tempered Glass Lens
- ▶ Waterproof & Durable Silicone Rubber Gaskets
- ▶ 1/2" NPT Knuckle Mount
- ▶ Power Factor: 95%
- ▶ Luminous Efficiency: 65 - 75 Lumens/watt
- ▶ Light Pattern: 140° Beam Spread Flood
- ▶ Operation Temperature: -4°F to 104°F
- ▶ 50,000+ Hour LED Life Expectancy

New! Available
December 2014

Cat. No.	Watts	Color Temperature	Delivered Lumens	Lumens/Watt	Number of LED's	Height	Depth	Diameter	Input Current	Weight (Lbs)	Case Qty
71362	12	3000K Warm White	800	65	1	7-1/2"	6-5/8"	4"	.15A @ 120V	2.2	6
71363	12	5000K Cool White	800	65	1	7-1/2"	6-5/8"	4"	.15A @ 120V	2.2	6
71365	30	3000K Warm White	2300	75	1	8-3/8"	7-3/4"	5-1/8"	.5A @ 120V	3.5	6
71366	30	5000K Cool White	2300	75	1	8-3/8"	7-3/4"	5-1/8"	.5A @ 120V	3.5	6

LED
Lighting

CC4



71321/71322 (22W & 40W)

New! Available
October 2014



71326/71327
(86W & 153W)

Shown with
Trunion Mount &
Box Assembly
(Sold Separately)



71323
Adj Knuckle



71324
Slip Fitter



71329
Slip Fitter



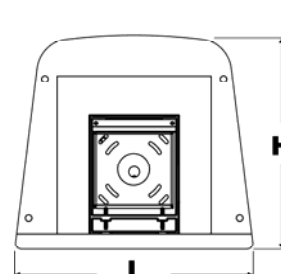
71325
Trunion



71328
Trunion



71320
Junction Box
(Note: 71320 Included with Fixture Mounts:
71323, 71324, 71325, 71328, 71329)



Mounting & PhotoCell Applications

- Optional Junction Box and Mounting Accessories:
71320, 71323, 71324, 71325, 71328, 71329 - Sold Separately
- 71320 Junction Box Included with Flood Light Mounts:
71323, 71324, 71325, 71328, 71329
- 71320 Junction Box is required for PhotoCell applications
- Cat# 39063 PhotoCell Extension required on 71326 & 71327 Fixtures
for PhotoCell applications
- 71320 Junction Box not required for Wall Mount Applications where
Recessed Junction Box is Provided by Installer
- See Pg AA3 for Morris Pencil Style PhotoCell & PhotoCell Extension

- Cree CXA LED's
- Voltage: 120-277VAC (120/208/240/277V)
- Integral Cooling Fin Releases the Heat Efficiently
to Maintain the Life of LED's & LED Driver
- Corrosion Resistant Die Cast Aluminum Housing
- Superior Architectural Bronze Powder Coat Finish
- Stainless Steel Hardware
- Waterproof & Durable Silicone Rubber Gasket
- Tempered Glass Lens
- Anodized Aluminum Optical Reflector

- Color Temperature: 5000K Cool White
- CRI: 75+
- Operating Temperature: -22°F to 104°F
- Input Current: 0.6 - 0.15 Amps
- 50,000+ Hour LED Life Expectancy
-30% Lumen Depreciation Max
- cULus listed for Wet Locations
- IP65 (NEMA 4X) Dust & Water Tight
- 5 Year Warranty

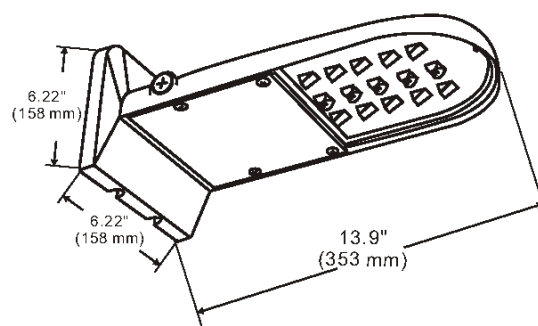
Cat. No.	Watts	Delivered Lumens	Metal Halide Equivalent	Dimensions				Weight	Case Qty
				L	H	W1	W2		
71321	22	1,800-1,900	100W MH	7-1/2"	8"	2-3/4"	2-7/16"	3.5	6
71322	40	3,600-3,700	150W MH	7-1/2"	8"	2-3/4"	2-7/16"	3.5	6
71326	86	6,500-7,500	250W MH	14-1/4"	12-3/4"	4-7/8"	3-7/8"	11.5	1
71327	153	12,000-13,000	400W MH	14-1/4"	12-3/4"	4-7/8"	3-7/8"	11.5	1

Accessories

Cat No.	Description	Applicable Fixture	Weight (Lbs)	Case Qty
71323	1/2" Adjustable Knuckle Mount	71321/71322 (22W & 40W)	2.5	12
71324	Slip Fitter Mount	71321/71322 (22W & 40W)	4.6	12
71325	Trunion (Full Bracket) Mount	71321/71322 (22W & 40W)	3.3	12
71328	Trunion (Full Bracket) Mount	71326/71327 (86W & 153W)	4.6	12
71329	Slip Fitter Mount	71326/71327 (86W & 153W)	6.4	12
71320	Optional Junction Box	(Box is included with Knuckle, Trunion & Slip Fitter Mounts)	2.0	12

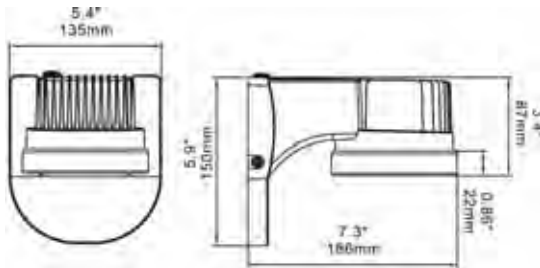


- ▶ Cree XPE LED's
- ▶ Color Temperature: 4700K Cool White
- ▶ Use in general lighting applications
- ▶ Driveways, parking lots, and pathways
- ▶ Voltage: 120-277VAC (120/208/240/277V)
- ▶ 71302 Dark Sky Type II Cutoff Light Pattern
- ▶ 71304 & 71306 Dark Sky Type III Cutoff Light Pattern
- ▶ cULus listed for Wet Locations
- ▶ IP65 (NEMA 4X) Dust & Water Tight
- ▶ Integral Cooling Fin Releases the Heat Efficiently to maintain the Life of LED's & LED Driver
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ Superior Architectural Bronze Powder Coat Finish
- ▶ Stainless Steel Hardware
- ▶ Waterproof & Durable Silicone Rubber Gaskets keeps Water & Bugs out
- ▶ Tempered Glass Lens
- ▶ Anodized Aluminum Reflector
- ▶ IC Current Controlled LED Circuits
- ▶ CRI: 75+
- ▶ Operation Temperature: -22°F to 104°F
- ▶ Input Current: 0.6-0.15 Amps
- ▶ 60,000+ Hour LED Life Expectancy
- ▶ -30% Lumen Depreciation Max
- ▶ Photoeye not included
- ▶ Weight: 5.2 Lbs
- ▶ 5 Year Warranty



Cat. No.	Watts	Delivered Lumens	Metal Halide Equivalent	Number of LED's	Input Current	Case Qty
71302	14	655	50-70W MH	5	700 mA	6
71304	25	1019	70-100W MH	10	500 mA	6
71306	38	1700	100-175W MH	15	700 mA	6

LED Entryway/Walkway Lighting



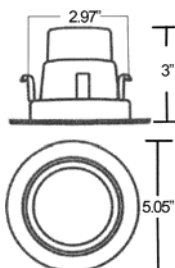
- ▶ Cree CXA LED's
- ▶ Color Temperature: 3000K Warm White & 5000K Cool White
- ▶ Entryway/ Walkway Lighting Fixture
- ▶ Multi-Unit Dwellings, Hotels, Walkways, Porches
- ▶ Dark Sky Compatible
- ▶ Corrosion Resistant Die Cast Aluminum Housing
- ▶ Stainless Steel Hardware
- ▶ Superior Architectural Powder Coat Finish
- ▶ Anti-Glare Polycarbonate Frosted Lens
- ▶ Voltage: 120VAC
- ▶ Includes Morris #39069 Photocell for 120V usage only
- ▶ Unit can be used for 120-240V if Photocell is disconnected
- ▶ cULus listed for Wet Locations
- ▶ IP65 (NEMA 4X) Dust & Water Tight
- ▶ Integral Cooling Fin Releases the Heat Efficiently to Maintain the Life of LED's & LED Driver
- ▶ CRI: 72+
- ▶ Operation Temperature: -22°F to 104°F
- ▶ 50,000+ Hour LED Life Expectancy
- ▶ Die Cast Aluminum Housing Polycarbonate Lens
- ▶ Input Current: 0.3 Amps
- ▶ Polycarbonate Lens resists yellowing
- ▶ 5 Year Warranty

Cat. No.	Color	Color Temperature	Watts	Delivered Lumens	Metal Halide Equivalent	Length	Width	Height	Case Qty
71299	Bronze	3000K Warm White	14	750	50-70W MH	7-1/4"	5-3/8"	5-7/8"	6
71300	Bronze	5000K Cool White	14	750	50-70W MH	7-1/4"	5-3/8"	5-7/8"	6
71301	White	3000K Warm White	14	750	50-70W MH	7-1/4"	5-3/8"	5-7/8"	6

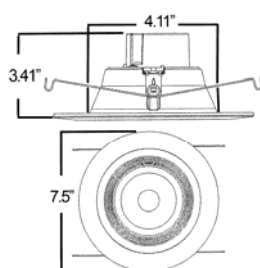
LED Recessed Lighting Retrofit Kits



72604



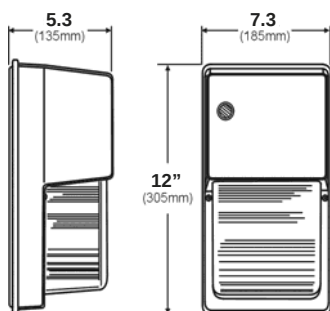
72602



- ▶ LED Retrofit Kits for Recessed Downlighting
- ▶ Can be installed in most 4", 5" & 6" Downlights
- ▶ Simple Screw-In Installation
- ▶ In-Line Pluggable Disconnect Included
- ▶ Color Temperature: 3000K Warm White
- ▶ Guaranteed Single Bin Color Consistency with enhanced illumination uniformity
- ▶ CRI: 84
- ▶ Operating Temperature: 32°F to 140°F
- ▶ 50,000+ Hour LED Life Expectancy
- ▶ Dimmable Down to 10%
- ▶ Compatible with most household dimmers
- ▶ Input Voltage: 120VAC
- ▶ Input Current: 0.1 Amps
- ▶ Aluminum Housing/Trim - Paintable
- ▶ Damp Location Rated
- ▶ 5 year Warranty

Cat. No.	Size	Watts	Delivered Lumens	Incandescent Equal	Case Qty
72604	4"	11.5	850	65W	12
72602	5" & 6"	12.5	950	75W	12

Mini Wall Pack - Glass Lens



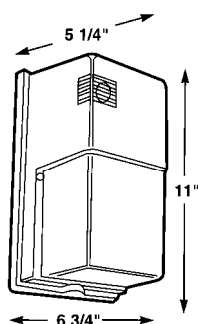
- ▶ Heavy Duty Die-Cast Aluminum Housing
- ▶ High Impact Heat Resistant Borosilicate Glass Lens
- ▶ Aluminum Base Plate with Conduit Knockout
- ▶ One Piece Anodized Aluminum Reflector
- ▶ Silicone Rubber Gasket
- ▶ Lamp Included
- ▶ Photocell Included
- ▶ UL 1598 Listed for Wet Locations
- ▶ Corrosion Resistant

Cat. No.	Lamp	Volts	Watts	Lamp	Lamp Type	Carton Qty
71000	Metal Halide	120/208/240/277	100	Medium	ED17/E-26	6

Mini Wall Pack - PC Lens



OR



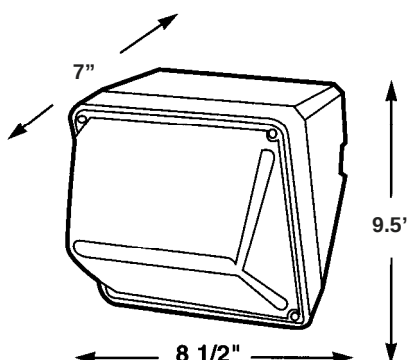
- ▶ Polycarbonate Lens
- ▶ Aluminum Base Plate with Conduit Knockout
- ▶ Bronze Finish
- ▶ Silicone Rubber Gasket
- ▶ Lamp & Photocell Included
- ▶ UL 1598 Listed for Wet Locations
- ▶ Corrosion Resistant

Cat. No.	Lamp	Volts	Watts	Lamp Base	Carton Qty
71012	HPS	120V	70	Medium	6
71018	2 PL X 13W	120/277V	26	2 Pin	6
71013	1 PL X 26W	120/277V	26	4 Pin	6
71015	1 PL X 42W	120/277V	42	4 Pin	6

Small Wall Packs



OR



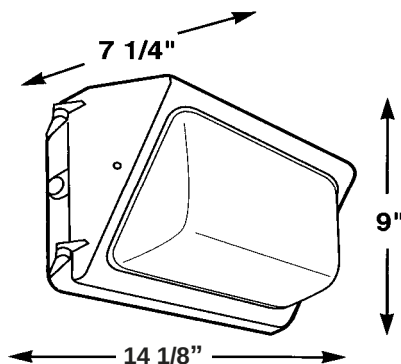
- ▶ Die Cast Aluminum Housing
- ▶ Borosilicate Glass Prismatic Lens
- ▶ Bronze Finish
- ▶ 3 Threaded Apertures for Conduit & Photo Control
- ▶ Lamp included
- ▶ UL 1598 listed for Wet Locations
- ▶ Corrosion Resistant

Cat. No.	Lamp	Volts	Watts	Lamp Base	Carton Qty
71027	MH	120/208/240/277	100	Medium	6
71029	1 PL X 42W	120/277	42	4 Pin	6

Medium Wall Packs



- ▶ Die Cast Aluminum Housing
- ▶ High Impact, Heat Resistant Borosilicate Glass
- ▶ 2 Threaded Apertures - back for conduit & top for photocontrol
- ▶ Bronze Finish
- ▶ Corrosion Resistant
- ▶ Lamp Included
- ▶ UL 1598 Listed for Wet Locations

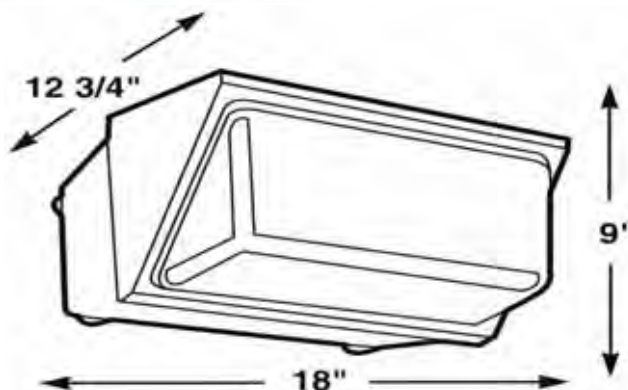


Cat. No.	Lamp	Volts	Watts	Lamp Base
71030	HPS	120V	150	Medium
71034	MH	120/208/240/277	100	Medium
71039	2 PL X 42W	120/277	84	4 Pin

Large Wall Packs



- ▶ UL Listed for Wet Locations
- ▶ Corrosion Resistant
- ▶ Bronze Finish
- ▶ Die Cast Aluminum Housing
- ▶ High Impact, Heat Resistant Borosilicate Glass
- ▶ Lamp Included
- ▶ 4 Threaded Apertures - (2)Back & (2)Top



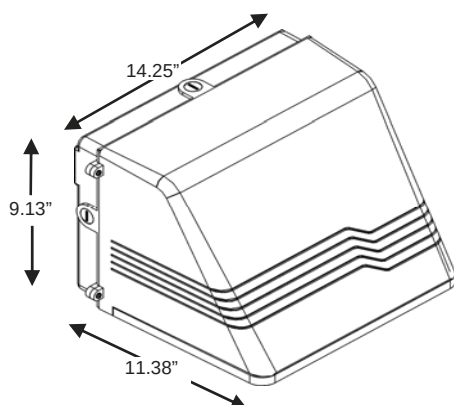
Cat. No.	Lamp	Volts	Watts	Lamp Base
71040	HPS	120/208/240/277	250	Mogul
71050	HPS	120/208/240/277	400	Mogul
71052	MH	120/208/240/277	400	Mogul

Dark Sky Wall Packs

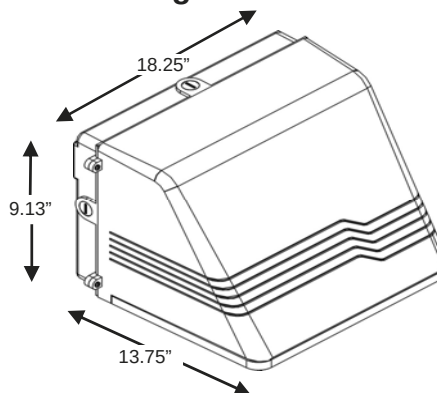


- ▶ Meets Local Dark Sky Requirements which are in effect in various areas
- ▶ Fixture does allow light to shine up to the sky
- ▶ Excellent for use as an Uplight
- ▶ UL Listed for Wet Locations
- ▶ Corrosion Resistant
- ▶ Bronze Finish
- ▶ Die Cast Aluminum Hinged Front & Rear Housing
- ▶ Tempered Clear Glass Lens
- ▶ 3 Threaded Apertures for Conduit & Photo Control
- ▶ Lamp Included

Medium Dimensions



Large Dimensions



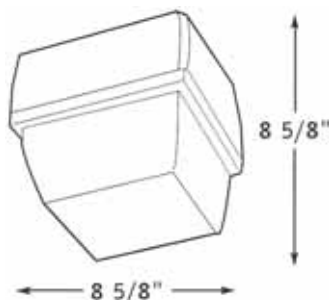
Cat. No.	Size	Lamp	Dimensions WxHxD	Volts	Watts	Lamp Base	Case Qty
71112	Medium	MH	14.25" X 9.13" X 11.38"	120/208/240/277	175	Medium	1
71114	Large	HPS	18.25" X 9.13" X 13.75"	120/208/240/277	250	Mogul	1
71116	Large	MH	18.25" X 9.13" X 13.75"	120/208/240/277	250	Mogul	1
71118	Large	MH	18.25" X 9.13" X 13.75"	120/208/240/277	400	Mogul	1

Vandal Resistant Fixtures

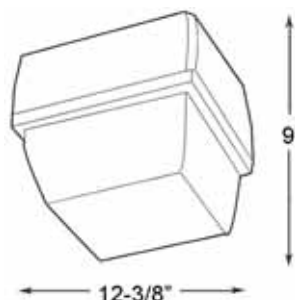


- ▶ Die Cast Aluminum Housing
- ▶ Clear Injection Molded Polycarbonate Lens
- ▶ Bronze Finish
- ▶ Corrosion Resistant
- ▶ Lamp Included
- ▶ UL Listed for Wet Locations
- ▶ 150 Watt Metal Halide Pulse Start Fixture replaces 175 Watt Fixture due to EISA 2007 Regulations (Light Output is Equal)

Medium Dimensions

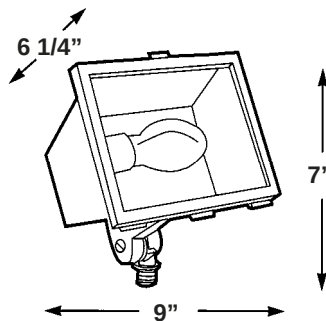


Large Dimensions



Cat. No.	Size	Lamp	Volts	Watts	Lamp Base	Case Qty
71094	Medium	MH	120/208/240/277	70	Medium	8
71092	Medium	1 PL X 42	120/277	42	4 Pin	8
71095	Large	HPS	120	150	Medium	1
71097	Large	MH PS	120/208/240/277	150	Medium	1
71098	Large	2 PL X 42	120/277	84	4 Pin	1

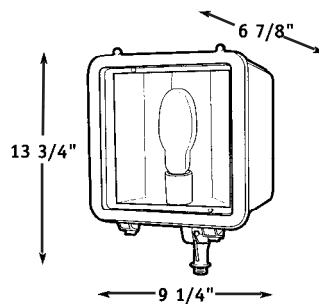
Small Floodlight



- ▶ UL Listed for Wet Locations
- ▶ Corrosion Resistant
- ▶ Bronze Finish
- ▶ Die Cast Aluminum Housing
- ▶ Hinged, Tempered Glass Lens
- ▶ Adjustable Knuckle
- ▶ Lamp Included

Cat. No.	Lamp	Volts	Watts	Lamp Base	Case Qty
71060	HPS	120	50	Medium	6
71057	MH	120/208/240/277	100	Medium	6
71059	1 PL X 42	120/277	42	4 Pin	6

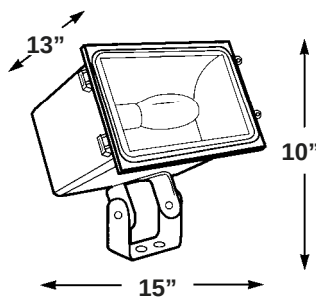
Medium Floodlight



- ▶ Die Cast Aluminum Housing
- ▶ Hinged, Tempered Glass Lens
- ▶ Adjustable Knuckle
- ▶ Bronze Finish
- ▶ Corrosion Resistant
- ▶ Lamp Included
- ▶ UL Listed for Wet Locations
- ▶ 150 Watt Metal Halide Pulse Start Fixture replaces 175 Watt Fixture due to EISA 2007 Regulations (Light Output is Equal)

Cat. No.	Lamp	Volts	Watts	Lamp Base	Case Qty
71068	MH	120/208/240/277	100	Medium	6
71077	MH PS	120/208/240/277	150	Medium	6
71078	2 PL X 42	120/277	84	4 Pin	6

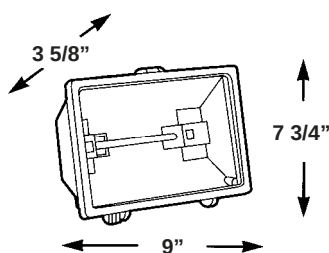
Large Floodlight



- ▶ Die Cast Aluminum Housing
- ▶ High Impact, Heat Resistant Borosilicate Glass
- ▶ 2 Threaded Apertures - Back for conduit & Top for Photocontrol
- ▶ Bronze Finish
- ▶ Corrosion Resistant
- ▶ Lamp Included
- ▶ UL 1598 Listed for Wet Locations

Cat. No.	Lamp	Volts	Watts	Lamp Base
71070	HPS	120/208/240/277	250	Mogul
71076	MH	120/208/240/277	400	Mogul

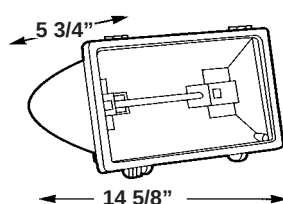
300 & 500 Watt Quartz Floodlight



- ▶ UL Listed for Wet Locations
- ▶ Precision Die Cast Aluminum Housing
- ▶ Polished Aluminum Reflector
- ▶ Includes Premium 500 Watt, T-3 Double Ended 120/130V Halogen Lamp
- ▶ Hinged, Tempered Glass Lens
- ▶ 1/2" Threaded Swivel Knuckle for Flexible Aiming
- ▶ Screw Style Frame

Cat. No.	Watts	Volts	Color	Case Qty
71079	300	120	Bronze	12
71080	500	120	Bronze	12
71081	500	120	White	12

1500 Watt Quartz Floodlight



- ▶ UL Listed for Wet Locations
- ▶ Precision Die Cast Aluminum Housing
- ▶ Polished Aluminum Reflector
- ▶ Bronze Finish
- ▶ Hinged, Tempered Glass Lens
- ▶ 1/2" Threaded Swivel Knuckle For Flexible Aiming
- ▶ Includes 1500W, T-3 Double Ended 240V Halogen Lamp
- ▶ Intended for use with 240V System

Cat. No.	Watts	Volts	Color	Case Qty
71090	1500	240	Bronze	12

Quartz Tungsten Halogen T3 Lamps



- ▶ Ceramic Double Ended RSC Base
- ▶ 2,000 Hour Life Expectancy
- ▶ Bright Even Linear Illumination

Cat No.	Watts	Volts	Lumens	Length	Diameter	Box Qty	Case Qty
79010	150	110-130	2,800	3"	.32"	1	12
79012	300	110-130	6,000	4.5"	.375"	1	12
79014	500	110-130	10,500	4.5"	.375"	1	12
79016	1500	240	33,000	11"	.375"	1	12

A23 CFL Lamp



Cat. No.	Watts	Lumens	Diameter X Length	Case Qty
79172	15	750	2.7" X 6.6"	40
79174	20	1000	2.7" X 6.6"	40

Compact Fluorescent Energy Saving Lamps (CFL's)



Spiral

Cat. No.	Watts	Lumens	Diameter X Length	Case Qty
79112	15	800	2.4" X 5.1"	40
79115	20	1300	2.4" X 5.5"	40
79118	25	1500	2.4" X 5.9"	40



3U

Cat. No.	Watts	Lumens	Diameter X Length	Case Qty
79142	15	800	2.4" X 6.1"	40
79144	20	1050	2.4" X 6.5"	40
79146	25	1325	2.4" X 7.0"	40



Reflector

Cat. No.	Watts	Lumens	Type	Diameter x Length	Case Qty
79162	9	320	R20	2.5" x 4.7"	40
79164	13	480	R25	3.1" x 5.3"	40



Mini Spiral

Cat. No.	Watts	Lumens	Diameter X Length	Case Qty
79122	11	550	1.7" X 5.4"	40
79124	15	800	1.7" X 5.4"	40



2U

Cat. No.	Watts	Lumens	Diameter X Length	Case Qty
79132	11	550	1.8" X 6.3"	40
79134	15	800	1.8" X 7.2"	40



G30 Globe

Cat. No.	Watts	Lumens	Diameter X Length	Case Qty
79182	15	800	3.7" x 5.8"	40
79184	20	1300	3.7" x 5.8"	40

Motion Activated Twin Par Light



- ▶ Turns Lights on Automatically When Motion is Detected
- ▶ Ideal for Walkways, Entrances and Patios
- ▶ Durable High Impact
- ▶ Nonmetallic Construction
- ▶ Weather Resistant Housing
- ▶ Provides Years of Trouble-Free Service
- ▶ For Use with Two 150 Watt (Max) Outdoor Lamps (Lamps Not Included)
- ▶ 180 Degree Detection Angle and Up to 53 Feet
- ▶ Can be Wall or Eave Mounted
- ▶ Auto/Off/Manual Override Switch
- ▶ Time/Lux Adjustable Switch Reduces False Alarms
- ▶ AC 120V/60 Hz Voltage



Cat. No.	Color	Case Qty
73210	Bronze	12
73211	White	12

Motion Activated Halogen Light



- ▶ Turns Lights on Automatically When Motion is Detected
- ▶ Ideal for Walkways, Entrances and Patios
- ▶ Durable High Impact
- ▶ Construction in White or Bronze
- ▶ Weather Resistance Housing
- ▶ Provides Years of Trouble-Free Service
- ▶ For use with one 150 watt (max) halogen lamp (lamp included)
- ▶ 110 Degree Detection Angle and Up to 40 Feet
- ▶ Can be Wall or Eave Mounted
- ▶ Auto/Off/Manual Override Switch
- ▶ Time/Lux Adjustable Switch Reduces False Alarms
- ▶ AC 120V/60 Hz Voltage



Cat. No.	Color	Case Qty
73220	Bronze	20
73221	White	20

Bullets

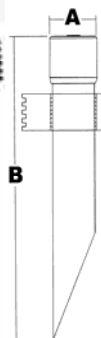


- ▶ UL Listed for wet locations
- ▶ UL Listed for ground mounting
- ▶ Pre-wired and pre-assembled
- ▶ Die cast aluminum housing
- ▶ 1/2" adjustable knuckle
- ▶ Molded weatherproof gasket
- ▶ Drain hole
- ▶ Accepts 150 Watt Par38 max.



Cat. No.	Color	Box Qty
73230	Black	16
73231	White	16
73232	Bronze	16

PVC Mounting Post - 18"

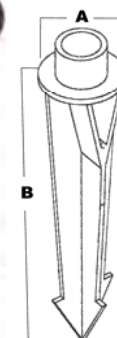


- ▶ Heavy Duty PVC Mounting Post
- ▶ Outdoor Low Voltage/Line Voltage Lighting Applications
- ▶ Dark Bronze
- ▶ 18" High x 3" Wide
- ▶ 120 Volts

New! Available November 2014

Cat. No.	Diameter (A)	Spike Length (B)	Case Qty
18101	3.28"	18.5"	12

PVC Stake



- ▶ Heavy duty PVC Replacement Stake
- ▶ Anchors Low Voltage & Line Voltage Lighting Fixtures into the ground extremely well
- ▶ 1/2" NPT thread

Cat. No.	Diameter (A)	Spike Length (B)	Case Qty
18106	2"	8-1/2"	100
18107	3"	10"	50

Porcelain Receptacles



82110

- ▶ 600W 250V Lampholder
- ▶ Top Wire Design
- ▶ Twist Lock Mounting
- ▶ Medium Base
- ▶ Fit 3-1/4" or 4" Box
- ▶ 4-1/2" Outside Diameter



82112



82114

Cat. No.	Description	Type	Case Qty
82110	Keyless	Screw Terms	48
82111	Keyless	6" Lead	48
82112	Pull Chain	Screw Terms	48
82113	Pull Chain	6" Lead	48
82114	Pull Chain w/Outlet	Screw Terms	48

Fiberglass Receptacles



- ▶ 600 Watt 250V Lampholder
- ▶ Top Wire Design
- ▶ Twist Lock Mounting
- ▶ Medium Base
- ▶ Fit 3-1/4" or 4" Box
- ▶ 4-1/2" Outside Diameter
- ▶ Accepts Cages

Cat. No.	Description	Type	Case Qty
82115	Keyless	Screw Terms	48
82116	Keyless	6" Lead	48
82117	Pull Chain	Screw Terms	48
82118	Pull Chain	6" Lead	48

CFL Fiberglass Lampholder with Lamp and Cover

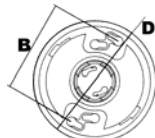


82105



82106

- ▶ 13W GU24 Lampholder
- ▶ Polycarbonate Cover
- ▶ Twist Lock Mounting
- ▶ GU 24 Medium Base
- ▶ Fit 3-1/4" or 4" Outlet Box
- ▶ 4-1/2" Outside Diameter
- ▶ 7" Leads



Cat. No.	Description	Dimensions				Case Qty
		A	B	C	D	
82105	Keyless	3.07	3.50	.53	4.56	48
82106	Pull Chain	3.07	3.82	1.28	5.03	48
82107	GU24 Replacement Lamp	-	-	-	-	48

LED Motion Activated Closet Light



- ▶ Provides Energy Saving Motion Activated Lighting when needed
- ▶ Mount Inside Closet, Cabinet, Hallway or Stairwell
- ▶ 3 AAA Batteries Included - Average 1 Year of Battery Life
- ▶ Turns On when Motion Detected - Off 8 seconds after no motion detection
- ▶ Senses Ambient Light Level - will not turn on if ambient light is sufficient
- ▶ 10Ft Motion Detection Range
- ▶ Mounts via adhesive Mounting Plate/Screws

Cat. No.	Color	Box Qty
82109	White	1

SECTION
DD



Exit & Emergency Lighting

Exit Signs



DD1-DD2

**Die Cast
Aluminum**



DD3

Edge Lit



DD4

LED Combos



DD5-DD6

**LED/Incandescent
Combos**



DD7

LED Emergencies



DD8-DD9

**Incandescent
Emergencies**



DD9-DD10

**Recessed
Emergencies**



DD11

**Hi-Capacity
Emergencies**



DD12

**Wet Location
Exits & Emergencies**



**DD2, DD7, DD9,
DD13, DD14**

Accessories



DD14-DD15

**Remote
Lamp Heads**

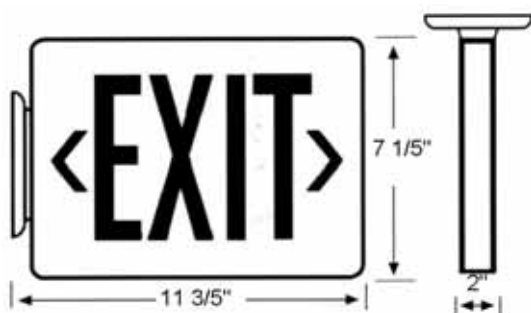


DD14

**Emergency
Ballasts**



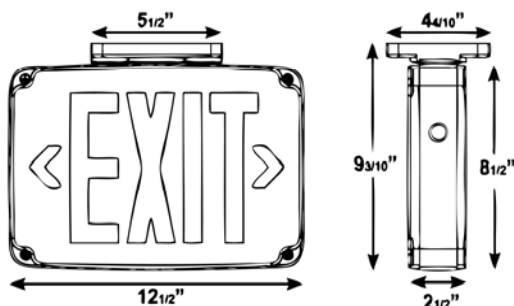
DD16



- ▶ Superior Quality Exit Unit Combined with LED Energy Saving Technology In a Low-Profile, Unobtrusive Design
- ▶ Available in Standard AC Only & Emergency (Battery Backup) Units
- ▶ Completely Self-Contained
- ▶ Fully Automatic Operation
- ▶ Compact, Low Profile Design in Neutral Finish
- ▶ Push to Test Switch in Battery Backup Units
- ▶ Automatic, Low Voltage Disconnect (LVD)
- ▶ 120 or 277 VAC Operation
- ▶ Charge Rate/Power On LED Indicator Light
- ▶ Energy Consumption of Less than 4 Watts for Red Letters and Less than 2 Watts for Green Letters
- ▶ Injection-Molded, UL 94 V-0 Flame Retardant, High Impact Thermoplastic Housing
- ▶ Listed for Damp Location
- ▶ Universal Canopy Mount & 2 Face Plates for Side or Top Installation
- ▶ 2.4V 400maH Ni-Cad Battery On Standard Units
- ▶ 3.6V 1800maH Ni-Cad Battery On High Output & Remote Capable Units
- ▶ 90 Minute Minimum Battery Run Time
- ▶ Models 73022 - 73025 have Remote Capability for up to 2 Additional LED Remote Lamp Heads
 - 2 heads - 3 hours operation (Base Unit)
 - 3 heads - 2 hours operation (Base Unit + 1 Head)
 - 4 heads - 1.5 hours operation (Base Unit + 2 Heads)
- ▶ UL 924 Listed
- ▶ 5 Year Warranty

Cat. No.	LED Color	Housing	Battery Backup	Case Qty
Standard				
73010	Red	White	No	6
73012	Red	White	Yes	6
73013	Red	Black	Yes	6
73014	Green	White	No	6
73016	Green	White	Yes	6
73017	Green	Black	Yes	6
Remote Capable (Use only LED Remote Heads)				
73022	Red	White	Yes	6
73023	Red	Black	Yes	6
73024	Green	White	Yes	6
73025	Green	Black	Yes	6
2 Circuit Unit Wired For AC Power & DC Generator Backup				
73026	Red	White	No	6
73028	Green	White	No	6
Standard with Self Diagnostic				
73512	Red	White	Yes	6
73514	Green	White	Yes	6
Remote Capable with Self Diagnostic (Use only LED Remote Heads)				
73516	Red	White	Yes	6
73518	Green	White	Yes	6

Compact Cold Weather & Wet Location LED Exit Signs



- ▶ Outdoor Wet Location & Cold Weather Rated
- ▶ Perfect for Outdoor, Commercial & Industrial Facilities
- ▶ Available with Red or Green LED Legend
- ▶ Dual 120/277 VAC operation
- ▶ Charge Rate/Power "ON" LED Indicator Light
- ▶ Push-to-test switch for mandated code compliance testing
- ▶ Internal Solid-state Transfer Switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination
- ▶ Fully Automatic Solid-state, Dual-Rate Charger initiates battery charging to recharge a discharged battery in 24 hours
- ▶ 4.8V 700mah long-life, maintenance-free, Rechargeable Ni-cad Battery
- ▶ Flame Retardant, UV-stabilized White Polycarbonate Housing with Clear Polycarbonate Lens
- ▶ Universal Canopy Mount & 2 Face Plates for Side or Top Installation
- ▶ Universal K/O Pattern on Back Plate for Wall Mount
- ▶ Engineering Grade Silicone Gasketing
- ▶ Top and Side K/O's provided for conduit feed applications
- ▶ EZ Snap-out Chevron Directional Indicators
- ▶ Meets UL924 for Wet Locations, NFPA 101 Life Safety Code, NEC & OSHA Codes
- ▶ Operating Temperature -4°F to +122°F
- ▶ 5 Year Warranty

Cat. No.	LED Color	Housing	Case Qty
73386	Red	White	6
73387	Red	Black	6
73388	Green	White	6
73389	Green	Black	6

Wet Location LED Exit Signs



- ▶ Perfect for Outdoor, Commercial & Industrial Facilities where there is exposure to wet conditions
- ▶ ABS, Corrosion Resistant UV Stabilized Enclosure
- ▶ Universal 120/277 VAC operation
- ▶ Removable directional indicators
- ▶ Extremely low operating costs
- ▶ Meets UL 924 for Wet Locations, NFPA 101 Life Safety Code, NEC, OSHA and local and state codes
- ▶ 90 minute emergency operation
- ▶ NEMA 3R Rated
- ▶ 4.8V Ni-Cad Battery Backup
- ▶ 5.4W T-5 sealed wedge based lamps
- ▶ 5 Year Warranty

Cat. No.	LED Color	Case Qty
73390	Red	4
73391	Green	4



LED Cast Aluminum Series utilizes a Unique Illumination Design in an Architecturally Pleasing Housing



- ▶ Universal 120/277 VAC operation on all exits
- ▶ LED energy savings
- ▶ Damp location rated
- ▶ Universal canopy mount included (wall or ceiling)
- ▶ Premium grade Ni-cad rechargeable battery
- ▶ Sleek Curved Design
- ▶ Powder Coat Finish
- ▶ Spec grade
- ▶ Universal K/O chevrons
- ▶ Quick clip snap closure for front face plate
- ▶ Grounded safety cable
- ▶ All units include one face plate with legend and flat back panel to allow 1 sided legend display (for 2 sided legend display order separate faceplate with legend - see below)
- ▶ 5 Year Warranty

Cat. No.	Letter Color	Housing finish	Face color	Case Qty
73340	Red	Brushed Aluminum	Brushed Aluminum	6
73343	Red	Black	Brushed Aluminum	6
73344	Red	Black	Black	6
73346	Red	White	Brushed Aluminum	6
73348	Red	White	White	6
73360	Green	Brushed Aluminum	Brushed Aluminum	6
73363	Green	Black	Brushed Aluminum	6
73364	Green	Black	Black	6
73366	Green	White	Brushed Aluminum	6
73368	Green	White	White	6

Extra Face Plates

Cat. No.	Letter Color	Face Color
73380	Red	Brushed Aluminum
73381	Red	Black
73382	Red	White
73383	Green	Brushed Aluminum
73384	Green	Black
73385	Green	White

Edge Lit LED Exit Signs

- ▶ Compact, low-profile design
- ▶ Less than 5 watts for battery backup
- ▶ Emergency battery backup is completely self-contained
- ▶ Infield installable directional indicators
- ▶ Tri-mount canopy provides top, end or back mount convenience (Surface Mount only)
- ▶ Premium Grade extruded aluminum housing
- ▶ AC on indicator light and test switch
- ▶ Rechargeable Ni-Cad Battery
- ▶ 120/277 Volt operation
- ▶ Solid State electronics and charger board
- ▶ Premium high output ultra bright LED's
- ▶ UV stabilized ultra clear acrylic panel
- ▶ *Double Sided fixtures have a Mylar separator in center so you only see EXIT from one side
- ▶ 5 Year Warranty

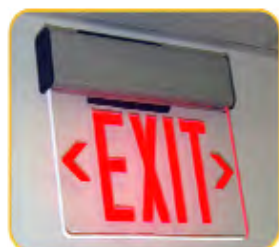
Surface Mount Edge Lit Exit Signs



Ceiling Mount



Side Mount



Wall Mount



Cat. No.	Panel Color	Housing	Case Qty
Surface Mount One Sided Legend			
73310	Red on Clear	Anodized Aluminum	4
73311	Red on Clear	White	4
73312	Red on Clear	Black	4
73315	Green on Clear	Anodized Aluminum	4
73316	Green on Clear	White	4
73317	Green on Clear	Black	4

Surface Mount Double Sided Legend			
73402*	Red on Clear	Anodized Aluminum	4
73403*	Red on Clear	White	4
73404*	Red on Clear	Black	4
73405*	Green on Clear	Anodized Aluminum	4
73406*	Green on Clear	White	4
73407*	Green on Clear	Black	4

*Double Sided fixtures have a Mylar separator in center so you only see EXIT from one side

Double Sided Available
December 2014

Recessed Mount Edge Lit LED Exit Signs



Recessed Mount



- ▶ Good for Sheetrock & Drop Ceilings

Cat. No.	Panel Color	Housing	Case Qty
Recessed Mount One Sided Legend			
73330	Red on Clear	Anodized Aluminum	4
73331	Red on Clear	White	4
73332	Red on Clear	Black	4
73335	Green on Clear	Anodized Aluminum	4
73336	Green on Clear	White	4
73337	Green on Clear	Black	4

Recessed Mount Double Sided Legend			
73412*	Red on Clear	Anodized Aluminum	4
73413*	Red on Clear	White	4
73414*	Red on Clear	Black	4
73415*	Green on Clear	Anodized Aluminum	4
73416*	Green on Clear	White	4
73417*	Green on Clear	Black	4

*Double Sided fixtures have a Mylar separator in center so you only see EXIT from one side

Double Sided Available
December 2014

Round Head LED Combo Exit/Emergency Light



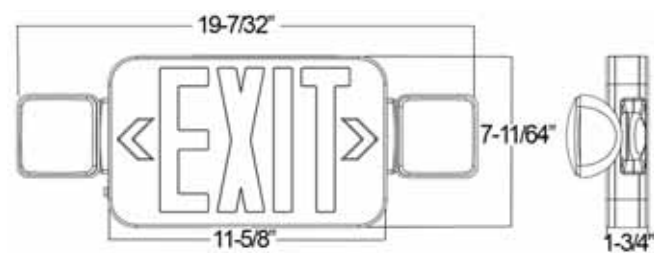
- ▶ Combination LED Exit Sign and LED Emergency Lighting Unit In One Compact Design
- ▶ Long Life Energy Saving LED Legend & Lamps
- ▶ Completely Self-Contained
- ▶ Fully Automatic Operation
- ▶ Push to Test Switch
- ▶ Automatic Low Voltage Disconnect (LVD)
- ▶ 120 or 277 VAC Operation
- ▶ Charge Rate/Power On LED Indicator Light
- ▶ Energy Consumption of Less than 4 Watts for Red letters and Less than 2 Watts for Green Letters
- ▶ Injection-Molded, UL 94 V-O Flame Retardant, High Impact, Thermoplastic Housing
- ▶ Fully Adjustable Glare-Free LED Lamps
- ▶ Heads Rotate for Maximum Light Field Flexibility
- ▶ Universal Mounting Canopy for Top or Back J-box Installation & 2 Snap-fit Face Plates
- ▶ Field replaceable chevron directional indicators
- ▶ Integral wiring channels to facilitate installation
- ▶ 3.6 Volt Sealed Ni-Cad Rechargeable Maintenance-Free Battery
- ▶ Environmentally-Coated, Solid State Charger
- ▶ Damp Location Rated
- ▶ UL 924 Listed
- ▶ 5 Year Warranty

Models 73054 -73057 & 73536/73538 have Remote Capability for up to 2 Additional LED Remote Lamp Heads:

- ▶ 2 heads - 3 hours operation (Base Unit)
- ▶ 3 heads - 2 hours operation (Base Unit + 1 Head)
- ▶ 4 heads - 1.5 hours operation (Base Unit + 2 Heads)

Cat. No.	Led Color	Housing	Lumens Per Head	Width	Depth	Height	Case Qty
Standard							
73040	Red	White	33	11.60"	2.00"	7.20"	6
73041	Red	Black	33	11.60"	2.00"	7.20"	6
73042	Green	White	33	11.60"	2.00"	7.20"	6
73043	Green	Black	33	11.60"	2.00"	7.20"	6
High Output							
73050	Red	White	76	11.60"	2.00"	7.20"	6
73052	Green	White	76	11.60"	2.00"	7.20"	6
High Output Remote Capable (Use only LED Remote Heads)							
73054	Red	White	76	11.60"	2.00"	7.20"	6
73055	Red	Black	76	11.60"	2.00"	7.20"	6
73056	Green	White	76	11.60"	2.00"	7.20"	6
73057	Green	Black	76	11.60"	2.00"	7.20"	6
Standard with Self Diagnostic							
73532	Red	White	33	11.60"	2.00"	7.20"	6
73534	Green	White	33	11.60"	2.00"	7.20"	6
High Output Remote Capable with Self Diagnostic (Use only LED Remote Heads)							
73536	Red	White	76	11.60"	2.00"	7.20"	6
73538	Green	White	76	11.60"	2.00"	7.20"	6

Square Head LED Combo Exit/Emergency Light



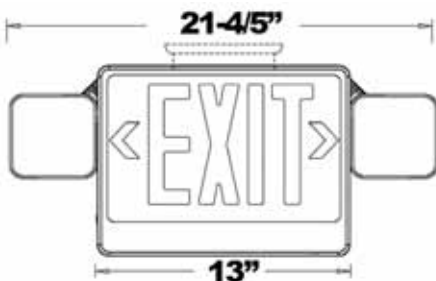
- ▶ Combination LED Energy Saving Exit Sign and LED Emergency Lighting Unit In One Compact Design
- ▶ Long Life Energy Saving LED Lamps
- ▶ Completely Self-Contained
- ▶ Fully Automatic Operation
- ▶ Push to Test Switch
- ▶ Automatic Low Voltage Disconnect (LVD)
- ▶ 120 or 277 VAC Operation
- ▶ Charge Rate/Power On LED Indicator Light
- ▶ Energy Consumption of Less than 4 Watts for Red letters and Less than 2 Watts for Green Letters
- ▶ Injection-Molded, UL 94 V-O Flame Retardant,
- ▶ High Impact, Thermoplastic Housing
- ▶ Fully Adjustable Glare-Free LED Lamps
- ▶ Heads Rotate 180°+ for Maximum Field Flexibility
- ▶ Universal Mounting Canopy for Top or Back J-box Installation & 2 Snap-fit Face Plates
- ▶ Field replaceable chevron directional indicators
- ▶ Integral wiring channels to facilitate installation
- ▶ 3.6 Volt 1000/1800 mAh Sealed Ni-Cad Rechargeable Maintenance-Free Battery
- ▶ Input Current: .22A 120V .10A 277V
- ▶ Input Wattage: 1.8W Standard; 2.5W Remote Capable
- ▶ Environmentally-Coated, Solid State Charger
- ▶ Damp Location Rated
- ▶ UL 924 Listed
- ▶ 5 Year Warranty

Models 73442 - 73445 have Remote Capability for up to 2 Additional LED Remote Lamp Heads

- ▶ 2 heads - 3 hours operation (Base Unit)
- ▶ 3 heads - 2 hours operation (Base Unit + 1 Head)
- ▶ 4 heads - 1.5 hours operation (Base Unit + 2 Heads)

Cat. No.	Led Color	Housing	Lumens Per Head	Width	Depth	Height	Case Qty
High Output							
73432	Red	White	76	11.60"	1.75"	7.20"	6
73433	Red	Black	76	11.60"	1.75"	7.20"	6
73434	Green	White	76	11.60"	1.75"	7.20"	6
73435	Green	Black	76	11.60"	1.75"	7.20"	6
High Output Remote Capable (Use only LED Remote Heads)							
73442	Red	White	76	11.60"	1.75"	7.20"	6
73443	Red	Black	76	11.60"	1.75"	7.20"	6
73444	Green	White	76	11.60"	1.75"	7.20"	6
73445	Green	Black	76	11.60"	1.75"	7.20"	6

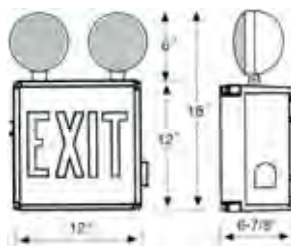
Combo LED Exit & Incandescent Emergency Lights



- ▶ Combination Energy Saving LED Exit Sign & Emergency Lighting Unit In One Compact, Modern Design
- ▶ 2 Fully Adjustable Glare-Free Heads Rotate 180°+ and slide up and down for Maximum Field Flexibility
- ▶ Completely Self-Contained
- ▶ Fully Automatic Operation
- ▶ Push to Test Switch
- ▶ Automatic, Low Voltage Disconnect (LVD)
- ▶ 120 or 277 VAC Operation
- ▶ Injection-Molded, V-O Flame Retardant, High Impact, Thermoplastic Housing
- ▶ Charge Rate/Power "ON" LED Indicator Light
- ▶ Energy Consumption of Less than 4 Watts for Red Letters and Less than 2 Watts for Green Letters
- ▶ 6-Volt 4.5AH Pure Lead, Maintenance-Free Battery
- ▶ Environmentally-Coated, Solid State Charger
- ▶ 130 Volt, 7 Watt Long Life Exit Sign Lamps
- ▶ Universal Canopy Mount & 2 Face Plates for Side or Top Installation
- ▶ Models #73034, 73035, 73036, 73037 have Remote Capability for up to 2 Additional Incandescent Remote Heads (See Pg DD14)
- ▶ 2 heads - 3 hours operation (Base Unit)
- ▶ 3 heads - 2 hours operation (Base Unit + 1 Head)
- ▶ 4 heads - 1.5 hours operation (Base Unit + 2 Heads)
- ▶ Damp Location Rated
- ▶ 5 Year Warranty

Cat. No.	LED Color	Housing	Case Qty
73030	Red	White	4
73031	Red	Black	4
73032	Green	White	4
73033	Green	Black	4
Remote Capable (Use only Incandescent Remote Heads)			
73034	Red	White	4
73035	Red	Black	4
73036	Green	White	4
73037	Green	Black	4

Combo Wet Location LED Exit & Incandescent Emergency Light

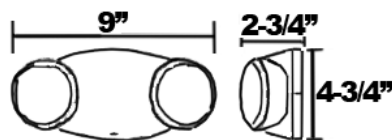


- ▶ Perfect for Outdoor, Commercial & Industrial Facilities where there is exposure to wet conditions
- ▶ ABS, corrosion resistant UV Stabilized enclosure
- ▶ Tempered Glass Lens
- ▶ Universal 120/277 VAC operation
- ▶ Removable directional indicators
- ▶ Meets UL924 for Wet Locations, NFPA life safety 101, NEC, OSHA and local and state codes
- ▶ 90 minute emergency operation
- ▶ NEMA 3R Rated
- ▶ 5V 4.5AH Ni-Cad Battery
- ▶ 5.4W T-5 sealed wedge based lamps
- ▶ 5 Year Warranty

Enclosure is resistant to corrosive atmospheres, non-hazardous dust environments, water spray & splashing water

Cat. No.	LED Color	Case Qty
73393	Red	4
73394	Green	4

Round LED Emergency Light



Models 73114, 73115 & 73524 have Remote Capability for up to 2 Additional LED Remote Lamp Heads
 2 heads - 3 hours operation (Base Unit)
 3 heads - 2 hours operation (Base Unit + 1 Head)
 4 heads - 1.5 hours operation (Base Unit + 2 Heads)

- ▶ Fully Adjustable, Glare-Free LED Lamp Heads
- ▶ Long Life Energy Saving LED Lamps
- ▶ Injection-Molded, High Impact, UV-Stabilized
- ▶ UL 94 V-0 Thermoplastic Housing- White
- ▶ Snap-Together Construction Speeds Installation
- ▶ Universal J-box Pattern Mounting Plate with Quick Connect Features
- ▶ 120/277 VAC
- ▶ Test Switch, LED Status Indicator Light
- ▶ Maintenance Free, Rechargeable Ni-Cad Battery
- ▶ 90 Minutes of Emergency Power
- ▶ UL 924 Damp Location Listed
- ▶ 3.6 Volt Sealed Ni-Cad Rechargeable Battery
- ▶ 5 Year Warranty

Standard

Cat. No.	Color	Lumens Per Head	Width	Depth	Height	Case Qty
73118	White	33	9"	2.75"	4-3/4"	12
73119	Black	33	9"	2.75"	4-3/4"	12

High Output

73112	White	76	9"	2.75"	4-3/4"	12
-------	-------	----	----	-------	--------	----

High Output Remote Capable (Use only LED Remote Heads)

73114	White	76	9"	2.75"	4-3/4"	12
73115	Black	76	9"	2.75"	4-3/4"	12

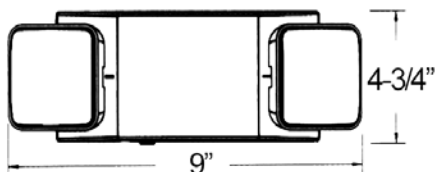
Standard with Self Diagnostic

73522	White	33	9"	2.75"	4-3/4"	12
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High Output Remote Capable with Self Diagnostic (Use only LED Heads)

73524	White	76	9"	2.75"	4-3/4"	12
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Square LED Emergency Light



Models 73426 & 73427 have Remote Capability for up to 2 Additional LED Remote Lamp Heads
 2 heads - 3 hours operation (Base Unit)
 3 heads - 2 hours operation (Base Unit + 1 Head)
 4 heads - 1.5 hours operation (Base Unit + 2 Heads)

- ▶ Fully Adjustable, Glare-Free LED Lamp Heads
- ▶ Long Life Energy Saving LED Lamps
- ▶ Injection-Molded, High Impact, UV-Stabilized
- ▶ UL 94 V-0 Thermoplastic Housing- White
- ▶ Snap-Together Construction Speeds Installation
- ▶ Universal J-box Pattern Mounting Plate with Quick Connect Features
- ▶ 120/277 VAC
- ▶ Test Switch
- ▶ LED Status Indicator Light
- ▶ 3.6V 1000/180mAH Maintenance Free, Rechargeable Ni-Cad Battery
- ▶ 90 Minutes of Emergency Power
- ▶ Input Current: .22A @ 120V .10A @ 277V
- ▶ Input Wattage: 1.8W Standard; 2.5W Remote Capable
- ▶ UL 924 Damp Location Listed
- ▶ 5 Year Warranty

Cat. No.	Color	Lumens Per Head	Width	Depth	Height	Case Qty
----------	-------	-----------------	-------	-------	--------	----------

High Output

73424	White	76	9"	2.75"	4-3/4"	12
73425	Black	76	9"	2.75"	4-3/4"	12

High Output Remote Capable (Use only LED Remote Heads)

73426	White	76	9"	2.75"	4-3/4"	12
73427	Black	76	9"	2.75"	4-3/4"	12

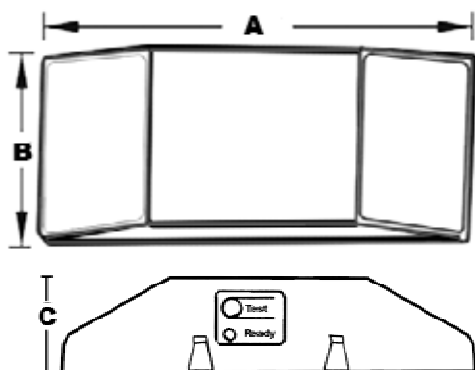
Wet Location Adjustable LED Emergency Light



- ▶ Injection-molded, high impact, UV-stabilized, UL 94 V-0 Thermoplastic
- ▶ Snap-together construction speeds installation
- ▶ Universal Mounting Plate with quick-connect feature
- ▶ Universal J-box pattern
- ▶ Fully Adjustable Glare-Free LED Lighting Heads
- ▶ Dual-Voltage input 120V or 277V AC Operation
- ▶ Emergency unit provided with test switch & status indicator
- ▶ Maintenance-free, 3.6V 900mAH Ni-cad Rechargeable Battery provides 90 minutes of emergency power
- ▶ 120V 3.32W 186mA, 277V 3.3W .012A
- ▶ UL924 Wet Location Rated
- ▶ 5 Year Warranty

Cat. No.	Housing	Case Qty
73398	White	12

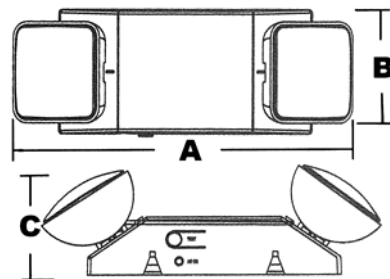
Prism Style Incandescent Emergency Lights



- ▶ Decorative & Economical Units with Modern Appearance & Low Maintenance
- ▶ Completely Self-Contained
- ▶ Fully Automatic Operation
- ▶ Compact, Low Profile Design in Neutral Finish
- ▶ Push to Test Switch
- ▶ 6V 4.5AH Pure Lead, Maintenance Free Battery
- ▶ 2 x 5.4 Watt Incandescent Lamps
- ▶ Automatic, Low Voltage Disconnect (LVD)
- ▶ Universal Transformer for 120 or 277 VAC
- ▶ Replacement bulb: GE 939 or equal
- ▶ Universal Mounting Plate
- ▶ Injection Molded, V-O Flame Retardant, High Impact, Thermoplastic Housing
- ▶ Charge Rate/Power "ON" LED Indicator Light
- ▶ 90 Minute Emergency Operation
- ▶ UL listed for Damp Location
- ▶ 5 Year Warranty

Cat. No.	Style	Housing	A	B	C	Case Qty
73110	Prism	White	11-7/8"	5"	2-1/4"	6
73111	Prism	Black	11-7/8"	5"	2-1/4"	6

Incandescent Emergency Lights



MORRIS

Emergency Lights
Exit & Emergency

DD10

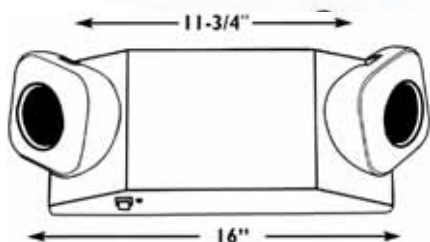
- ▶ Decorative & Economical Units with Modern Appearance & Low Maintenance
- ▶ Completely Self-Contained
- ▶ Fully Automatic Operation
- ▶ Compact, Low Profile Designs in Neutral Finish
- ▶ Push to Test Switch
- ▶ 6-Volt, Pure Lead, Maintenance Free Battery
- ▶ Environmental Coated, Solid State Charger
- ▶ 2 x 5.4 Watt Incandescent Lamps
- ▶ Automatic, Low Voltage Disconnect (LVD)
- ▶ Universal Transformer for 120 or 277 VAC
- ▶ Replacement bulb: GE 939 or equal
- ▶ Universal Mounting Plate

- ▶ Injection Molded, V-O Flame Retardant, High Impact, Thermoplastic Housing
- ▶ Charge Rate/Power on LED Indicator Light
- ▶ 90 Minute Emergency Operation
- ▶ ETL Rated Damp Location
- ▶ Model #73122 has Remote Capability for up to 2 Additional Standard Remote Lighting Fixtures
- 2 heads - 4 hours operation
- 3 heads - 2 hours operation
- 4 heads - 1.5 hours operation
- ▶ Replacement Battery Specs:
Standard Units: 6V 5.4Ah
Remote Capable: 6V 7Ah
- ▶ 5 Year Warranty

Only Use with Incandescent Remote Lamp Heads (Not LED Lamp Heads)

Cat. No.	Style	Color	A	B	C	Case Qty
Standard						
73120	Low Profile Side Lights	White	16"	5"	3-1/2"	6
73121	Low Profile Side Lights	Black	16"	5"	3-1/2"	6
Remote Capable (Use only Incandescent Remote Heads)						
73122	Low Profile Side Lights	White	16"	5"	3-1/2"	6

MR-16 Emergency Lights

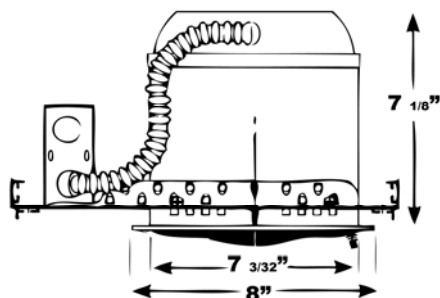


- ▶ Completely self-contained
- ▶ Fully automatic operation
- ▶ Compact, low profile design in neutral finish
- ▶ Universal mounting plate with "EZ" quick connect for rapid labor saving installation
- ▶ Push to test switch
- ▶ 6-volt, pure lead, maintenance-free battery
- ▶ Environmentally-coated, solid state charger
- ▶ Automatic, low voltage disconnect (LVD)
- ▶ Universal transformer for 120 or 277 VAC
- ▶ Injection-molded, V-O flame retardant, high impact, thermoplastic housing
- ▶ Charge rate/power on LED indicator light
- ▶ Lamp wattage 2X5 watt
- ▶ Emergency operation 90 minutes
- ▶ Replacement Battery Specifications:
Standard Units: 6V 5.4Ah
Remote Capable: 6V 7Ah
- ▶ 5 Year Warranty

* Hours Based on 5 watt lamps

Cat. No.	Color	Watts Per Unit	Maximum Heads for 4 Hours Operation*	Maximum Heads for 2 Hours Operation*	Maximum Heads for 1.5 Hours Operation*	Case Qty
Standard						
73152	White	10	N/A	N/A	N/A	6
73154	Black	10	N/A	N/A	N/A	6
Remote Capable (Use only MR16 Remote Heads)						
73156	White	22	2	3	4	6
73157	Black	22	2	3	4	6

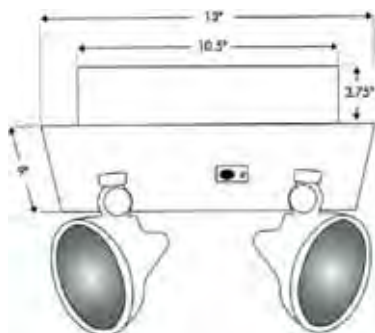
Recessed Emergency Downlight



- ▶ Adjustable Ultra-bright 8W Bi-Pin Halogen Lamp Head
- ▶ Sealed Beam PAR36 type Gimbal Trim with smooth Chrome-Plated Metallized Reflector and Impact resistant Thermoplastic lens delivering optimal light distribution
- ▶ Dual 120/277 voltage
- ▶ Charge Rate/Power "ON" LED Indicator Light
- ▶ Push-to-test switch for mandated code compliance testing
- ▶ LVD (low voltage disconnect) prevents battery from deep discharge
- ▶ 6V 4.5ah Maintenance-free, Rechargeable Sealed Lead Acid battery
- ▶ Internal Solid-state Transfer Switch automatically connects the internal battery to lamp heads for minimum 90-minute emergency illumination
- ▶ Fully Automatic Solid-state, Dual-rate Charger initiates battery charging to recharge a discharged battery in 24 hours
- ▶ Steel Mounting Frame and housing
- ▶ Junction Box with 3/4" knockouts for AC input
- ▶ 6" Recessed Housing with mounting bar hangers
- ▶ Trim securely attached to housing with spring clips
- ▶ Compatible with drywall or drop ceiling mount installations, Mounting Bar Hangers included
- ▶ Meets UL924, NFPA 101 Life Safety Code, NEC & OSHA Codes
- ▶ Temperature Range: 68°F to 86°F
- ▶ UL 924 listed for damp locations
- ▶ 5 Year Warranty

Cat. No.	Trim Type	Housing/Trim Color	Ctn Qty
73160	Gimbal	White	4
73161	Gimbal	Black	4

Recessed Twin Head Emergency Lights



Recessed emergency lighting unit mounts flush with ceiling for a concealed, unobtrusive look

- ▶ Completely self-contained
- ▶ Compact, flush mount design
- ▶ Mounting bar hangers included
- ▶ 6-volt, pure lead, maintenance-free battery
- ▶ Environmentally-coated, solid state charger
- ▶ Automatic, low voltage disconnect (LVD)
- ▶ Universal transformer for 120 or 277 VAC
- ▶ Injection-Molded, V-O Flame Retardant, high impact, thermoplastic housing
- ▶ Charge rate/power on LED indicator light
- ▶ Push to test switch
- ▶ 90 minute emergency operation
- ▶ 6 Volt 7.2 Watt #939 lamp
- ▶ 5 Year Warranty

Cat. No.	Color	Case Qty
73158	White	6

Emergency Lighting Unit with Remote Capacity



Emergency Lights
Exit & Emergency

DD12

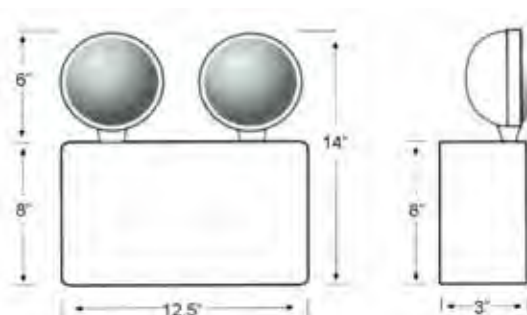


6 Volt and 12 Volt

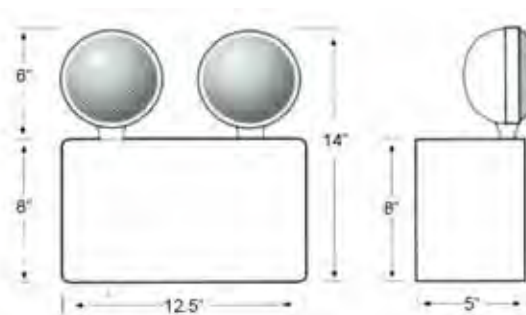
Heavy Duty emergency lighting unit has remote capability, and is efficient and easy to install. It is completely self-contained and fully-automatic.

- ▶ Hi Battery Capacity Emergency Lighting Units
- ▶ Allow for multiple additional remote lamp heads
- ▶ Compact, low profile design in neutral finish
- ▶ Push to test switch
- ▶ Side and top conduit KO's
- ▶ Automatic low voltage disconnect (LVD).
- ▶ Universal transformer for 120 or 277 VAC operation
- ▶ Standard with two fully adjustable, glare free lighting heads, Par 36 Lamps
- ▶ Charge rate/power on LED indicator light
- ▶ 6 or 12 Volt premium grade, pure lead, maintenance-free batteries
- ▶ Use only Incandescent Remote Heads
- ▶ 5 Year Warranty

50 Watt Units

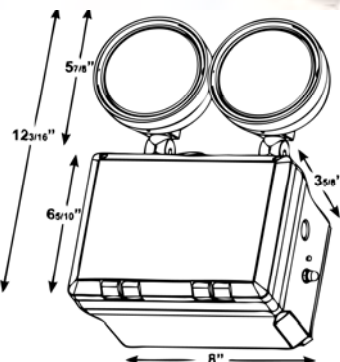


100 Watt Units



Cat. No.	Watts Per Unit	Maximum Heads for 4 hrs Operation	Maximum Heads for 2 hrs Operation	Maximum Heads for 1.5 hrs Operation	Case Qty
6-Volt Units with Remote Capacity 7.2 Watt Wedge Base Lamps					
73166	50	2	4	5	2
73170	100	4	9	12	2
12-Volt Units with Remote Capacity 9 Watt Wedge Base Lamps					
73176	50	2	3	5	2
73180	100	4	7	10	2

LED Cold Weather Wet Location Remote Capable Emergency



Use only with LED Remote Lamp Heads

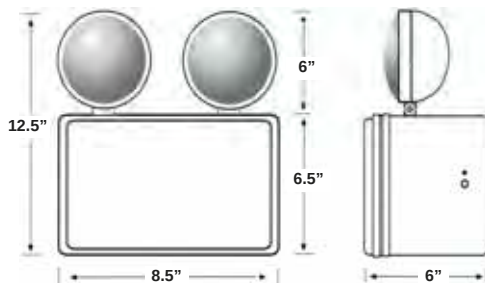
- ▶ Wet Location & Cold Weather Rated LED Emergency Light
- ▶ Remote Capable - up to 2 additional 1W 3.6V remote lamp heads (see pg DD14 for compatible LED Remote Lamp Heads)
- ▶ Dual 120/277 voltage
- ▶ Charge Rate/power "ON" LED Indicator Light and sealed push-to-test switch for mandated code compliance testing
- ▶ 9.6V 1900mah maintenance-free, rechargeable Ni-cad Battery
- ▶ Internal Solid-State Transfer Switch automatically connects the internal battery to LED board for minimum 90-minute emergency illumination
- ▶ Fully Automatic Solid-State, Dual-rate Charger initiates battery charging to recharge a discharged battery in 24 hours
- ▶ Flame Retardant, UV-stabilized Polycarbonate Gasketed Housing, Integral Breather Vent & External Mounting Brackets
- ▶ Sealed and Gasketed Weatherproof Lamp Heads with chrome reflector and tempered glass lens
- ▶ Top and side KO's provided for conduit feed applications
- ▶ E-Z snap-out Chevron directional indicators
- ▶ Meets UL924 for Wet Locations, NFPA 101 Life Safety Code, NEC, OSHA
- ▶ Operating Temperature -4°F to +122°F
- ▶ 5 Year Warranty

Remote Capability for up to 2 Additional LED Remote Lamp Heads (Use Only LED Remote Heads)

- ▶ 2 heads - 3 hours operation (Base Unit)
- ▶ 3 heads - 2 hours operation (Base Unit + 1 Head)
- ▶ 4 heads - 1.5 hours operation (Base Unit + 2 Heads)

Cat. No.	Housing	Battery	Case Qty
73370	Poly-Carbonate	9.6V 1900 mAH Nicad	2

Wet Location Incandescent Emergency Lights



#73397 Remote Capable Unit
Only Use with Incandescent Remote Lamp Heads
(Not LED Lamp Heads)

This enclosure is ideal for wet locations - resistant to corrosive atmospheres, non-hazardous dust environments, water spray & splashing water

- ▶ ABS, corrosion resistant UV stabilized enclosure
- ▶ Dual 120 or 277 VAC input, field selectable
- ▶ Automatic brownout feature
- ▶ Maintenance-free, rechargeable sealed lead acid battery
- ▶ Solid-state charging circuit
- ▶ Solid-state line-latched low voltage disconnect provides 100% load disconnect protection to guard against battery deep discharge
- ▶ Short circuit and overload protection on DC output circuit
- ▶ Sealed momentary test switch
- ▶ Sealed AC ready light
- ▶ 2 X 7.2W lamp wattage
- ▶ Tempered Glass Lens
- ▶ Model #73397 accommodates 2 Incandescent Remote Capable Heads (Use only Incandescent Remote Heads)
- ▶ Meets UL924 for Wet Locations, NFPA 101 Life Safety Code, NEC, OSHA
- ▶ 5 Year Warranty

Cat. No.	Type	Emergency Operation	Case Qty
73396	Standard	90 min.	2
73397	Remote Capable	90 min. +	2

Remote LED Lamp Heads



Fig 1



Fig 2

- Use only with LED Exit, Emergency & Combo Remote Capable Units
- Weatherproof Styles are Sealed for Use in Damp and Wet Locations
- Fully Adjustable Lamp Heads
- Housing Color: White
- **Do not use LED Remote Lamp Heads with Incandescent Fixtures**
- **Use only with the following LED Exit/Emergency Fixtures:**
73022-73025, 73054-73057, 73114-73115, 73370, 73426-73427, 73442-73445, 73524, 73516-73518, 73536-73538



Fig 3



Fig 4

Cat No.	Description	Fig	Width	Depth	Height	Volts	Watts	Lumens Per Head	Case Qty
73116	Single Head	1	4.50"	2.75"	4.5"	3.6	1.17	76	20
73117	Double Head	2	6.50"	2.75"	4.75"	3.6	1.17	76	10
73126	Single Head Weatherproof	3	4.53	4.53	5.79	3.6	1.17	76	20
73127	Double Head Weatherproof	4	7.38	4.53	6.53	3.6	1.17	76	10

Remote Incandescent Emergency Lamp Heads



73060



73062



73064
Weatherproof



73065
Weatherproof



73066/73070



73071/73067

- Use only with incandescent remote capable emergency lights & remote capable combo exit/emergency lights
- **Do not use with LED Emergency Lights or Combo's**
- **Use only with the following Incandescent Exit/Emergency Fixtures:**
73034-73037, 73122, 73156-73157, 73166-73180, 73397



73068



73069

Cat. No.	Weatherproof	Heads	Volts	Watts	Lamp	Case Qty
73060	No	1	6	5.4	Incandescent	24
73062	No	2	6	5.4	Incandescent	12
73066	No	1	6	5.4	Incandescent	12
73070	No	1	12	7.2	Incandescent	24
73071	No	2	6	5.4	Incandescent	12
73067	No	2	12	7.2	Incandescent	12
73068	No	1	6	5.4	MR-16	12
73069	No	2	6	5.4	MR-16	12
73064	Yes	1	6	5.4	Incandescent	24
73065	Yes	2	6	7.2	Incandescent	12

Polycarbonate Vandal/Environmental Shield Guard



73090



73091-73093

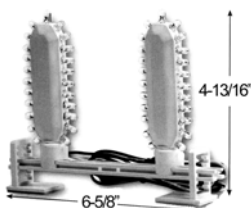
Cat. No.	For Use With	Size (Ht x W x D)	Case Qty
73090	Exit Lights & Cast Aluminum Exit Lights	13.5" X 15" X 6"	16
73091	Emergency Lights	8.4" x 18.7" x 6.5"	3
73093	Combo Exit/Emergency Lights	15" x 30.5" x 8"	4

Wire Guards



Cat. No.	For Use With	Size (Ht x W x D)	Case Qty
73095	Emergency Lights, Exit Lights & Cast Aluminum Exit Lights	13.5" X 15" X 6"	10
73096	Combo Exit/Emergency Lights	13.5" X 30" X 6"	5

Hard Wire LED Exit Sign Retrofit Kits



- Converts Incandescent Exit Light Units to LED
- 120 or 277 VAC Applications
- 2.8 Watts Per Kit
- Kits Complete with Mounting Bracket & Double Face Tape
- 1 Set of 2 Bulbs
- 50,000 Hours Life Expectancy

Cat. No.	Description	Box Qty
73080	Hard Wire Unit Red LED	1
73081	Hard Wire Unit Green LED	1

Screw-In LED Exit Sign Retrofit Kits



- Converts Incandescent Exit Light Units to LED
- 120 VAC Applications, 2.8 Watts Per Kit
- Socket Adapter Supplied – for signs with Bayonet, Intermediate or Candelabra bases
- Each Unit is 5-1/8" Tall & 5/8" wide – add 1/8" with Adapters
- Priced Per Set of 2 Bulbs
- 50,000 Hours Life Expectancy

Cat. No.	Description	Box Qty
73082	Screw-in Unit Red LED	1
73084	Screw-in Unit Green LED	1

Fluorescent Emergency Lighting Ballasts



Emergency Ballasts Exit & Emergency

DD16



Fig 1



Fig 2



Fig 3



Fig 4

- ▶ Fluorescent Emergency Ballast allows the same fixture to be used for both normal and emergency lighting
- ▶ In the event of a Power Failure, the Ballast Switches to the Emergency Mode and operates one or two of the existing lamps for a minimum of 90 minutes
- ▶ The unit contains a Ni-Cad Battery, Charger, and Inverter Circuit in a single package. The ballast can be mounted in the wireway or on top of the fixture, and is UL listed for factory installation or retrofit applications
- ▶ 90 minute minimum emergency power, 24 hour recharge time
- ▶ Temperature Range: 20°C to 50°C
- ▶ 120/277 Volt
- ▶ 60 Hz
- ▶ Damp Location Listed
- ▶ 5 Year Warranty

Standard Ballasts

- ▶ Standard ballasts are rated for use with a variety of lamp types: T8, T9, T10, T12, U-Shaped, HO, VHO, Circuline, energy saving & 4-Pin Compact lamps
- ▶ Compatible with most one, two, three & four lamp electronic, standard energy saving & dimming AC ballasts
- ▶ 72901 & 72902 compatible with: 4 Pin Twin, Quad, Triple Twin, Long Compact & 2D Lamps

Low Profile (Rated for T5 & T8 Ballasts - Includes a Time Delay Function)

- ▶ Low profile ballasts have Time Delay Feature for end of life circuitry to prevent AC Ballast from shutting down when transitioning from Emergency Mode back to AC Mode
- ▶ Low Profile ballasts have open circuit insulation feature to protect unit when load is absent
- ▶ Low Profile ballasts are rated for use with T5 & T8 single or bi-pin 1 or 2 lamp, 18-50W 4-Pin Long Compact Rapid Start, 32W 4-Pin Compact, 24-32W U-Bend FBT8 lamps from Phillips, GE, Osram or equal.
- ▶ Low profile ballasts are compatible with Instant Start & Rapid Start Ballasts

Standard Emergency Ballasts

Cat. No.	Fig	Lumens	Lamp Type	Lamp Length	No. of Lamps	Wattage	Input Wattage	Length	Width	Height	Case Qty
72900	1	500	T8-T12	2' - 4'	1	17-40	2.5	9.4"	2.4"	1.5"	6
72901	2	300-650 2 Pin	CFL	N/A	1	10-26	3.5	9.4"	2.4"	1.5"	6
72902	2	300-650 4 Pin	CFL	N/A	1 or 2	13-42	3.5	9.4"	2.4"	1.5"	6
72903	1	700	T8-T12	2' - 8'	1 or 2	17-110	3.5	9.4"	2.4"	1.5"	6
72904	1	1400	T8-T12	2' - 8'	1 or 2	17-215	4.0	13.3"	2.4"	1.5"	6
72905	3	1450-3000	T8-T12	2' - 8'	1 or 2	17-215	8.0	16.26"	5.5"	1.75"	2

Low Profile Emergency Ballasts - Time Delay - T5 Rated

Cat. No.	Fig	Lumens	Lamp Type	Lamp Length	No. of Lamps	Wattage 1 Lamp	Wattage 2 Lamp	Input Wattage	Length	Width	Height	Case Qty
72910	4	500	T5-T8	2' - 4'	1	28	N/A	2.5	10"	2"	1"	6
72913	4	700	T5-T8	2' - 4'	1 or 2	14-54	14-39	3.32/3.78	13.8"	2"	1"	6
72914	4	1400	T5-T8	2' - 4'	1 or 2	14-54	14-39	3.25/3.78	14.2"	2"	1"	6

MORRIS

exit and emergency signs
beam clamps
photocontrols
strut fittings
extension cords
fittings
time clocks
surge strips
undercabinet lights
occupancy sensors
rope
straps
dimmers



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