

Compression Connections

Copper Compression — Terminal — Code — Two Hole
Long Barrel — No Inspection Window

TYPES YA-2N, YA-2TC, YA-4N

HYLUG™

Uninsulated Copper Compression Terminal
UL Listed 90° C, Up to 35 kV ♦

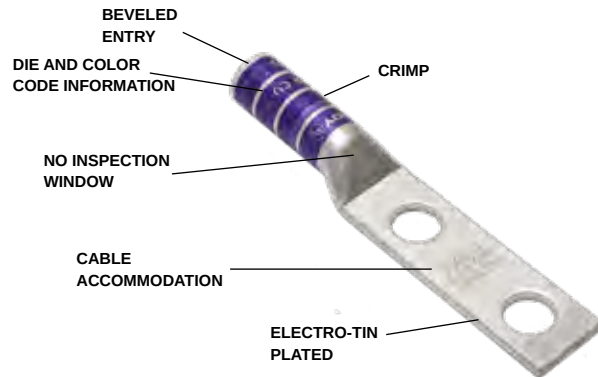
45° and 90° angles available. Please contact Customer Service to order:
1-800-346-4175

Features & Benefits

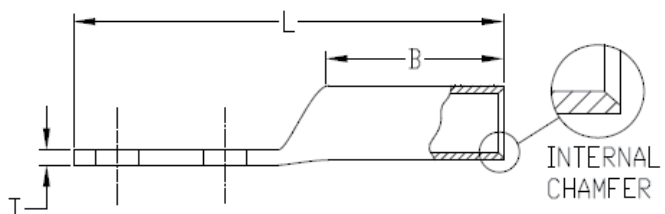
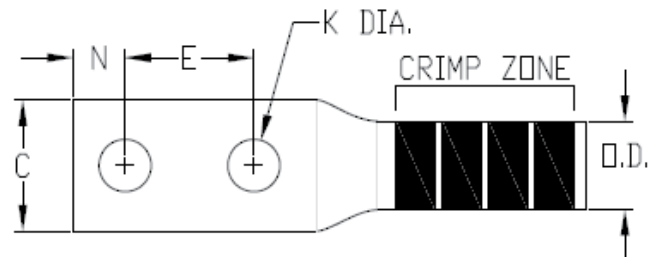
- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Two hole tongue/tang is recommended when space permits as the 2-hole feature minimizes the terminations from loosening or rotating under vibration, movement, or heat cycling
- 45° and 90° angular lugs are available; please contact Customer Service
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with stamping and barrel color coding
- BURNDY certifies its products using the BURNDY Engineered System and select other crimp tool manufacturers in accordance with one or more of the UL categories in order to obtain a UL Listing
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire

Accessories

- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



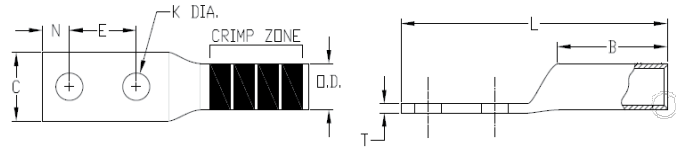
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



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TYPES YA-2N, YA-2TC, YA-4N (Continued)



▲ See Copper Code Long Barrel Terminal Tooling Tables in this section for complete tool and die listing information.

Catalog Number	Conductor			Color Code	Die Index	Stud Size	Figure Dimensions								Wire Strip Length
	Code	Flex	Metric MM ² ***				Stud Hole Diameter (K)	Outside Diameter (OD)	Barrel Length (B)	Pad Width (C)	Overall Length (L)	Hole Spacing (E & F)	Hole Offset (N)	Pad Thickness (T)	
YA1C2TC14	#1 AWG	—	50	Green	11 or 375	1/4	0.27	0.46	1.38	0.67	3.03	5/8"	0.31	0.10	1-7/16
YA1C2TC14E2						1/4	0.27	0.46	1.38	0.67	3.15	3/4"	0.31	0.10	
YA1C2TC38						3/8	0.40	0.46	1.38	0.67	3.59	1"	0.41	0.10	
YA1C2N						1/2	0.56	0.46	1.38	0.83	4.82	1-3/4"	0.63	0.12	
YA252TC14	1/0 AWG	—	—	Pink	12	1/4	0.27	0.51	1.38	0.75	3.05	5/8"	0.12	0.12	1-7/16
YA252TC14E2						1/4	0.27	0.51	1.38	0.75	3.18	3/4"	0.12	0.12	
YA252TC516						5/16	0.33	0.51	1.38	0.75	3.49	1"	0.12	0.12	
YA252TC38						3/8	0.40	0.51	1.38	0.75	3.62	1"	0.12	0.12	
YA252NTC38						3/8	0.40	0.51	1.38	0.75	4.37	1-3/4"	0.12	0.12	
YA252N						1/2	0.56	0.51	1.38	0.83	4.81	1-3/4"	0.11	0.11	
YA262TC14	2/0 AWG	—	70	Black	13	1/4	0.27	0.56	1.50	0.83	3.22	5/8"	0.12	0.12	1-9/16
YA262TC14E2						1/4	0.27	0.56	1.50	0.83	3.34	3/4"	0.12	0.12	
YA262TC38						3/8	0.40	0.56	1.50	0.83	3.78	1"	0.12	0.12	
YA262N						1/2	0.56	0.56	1.50	0.83	4.97	1-3/4"	0.12	0.12	
YA272TC14E2	3/0 AWG	—	—	Orange	14	1/4	0.27	0.62	1.50	0.90	3.38	3/4"	0.12	0.12	1-9/16
YA272TC38						3/8	0.40	0.62	1.50	0.90	3.82	1"	0.12	0.12	
YA272N						1/2	0.56	0.62	1.50	0.91	5.01	1-3/4"	0.13	0.13	
YA282TC14E2	4/0 AWG	—	—	Purple	15	1/4	0.27	0.69	1.62	1.02	3.55	3/4"	0.14	0.14	1-11/16
YA282TC38						3/8	0.40	0.69	1.62	1.02	3.99	1"	0.14	0.14	
YA282NTC38						3/8	0.40	0.69	1.62	1.02	4.74	1-3/4"	0.14	0.14	
YA282N						1/2	0.56	0.69	1.62	1.02	5.17	1-3/4"	0.14	0.14	
YA292TC38	250 kcmil	—	—	Yellow	16	3/8	0.40	0.75	1.62	1.10	4.02	1"	0.16	0.16	1-11/16
YA292N						1/2	0.56	0.75	1.62	1.11	5.21	1-3/4"	0.16	0.16	
YA292TC58E16						5/8	0.69	0.75	1.62	1.11	5.27	1-3/4"	0.16	0.16	
YA302TC38	300 kcmil	—	150	White	17 or 298	3/8	0.40	0.81	2.00	1.20	4.45	1"	0.16	0.16	2-1/16
YA302N						1/2	0.56	0.81	2.00	1.20	5.64	1-3/4"	0.16	0.16	
YA312TC14E2	350 kcmil	—	185	Red	18 or 324	1/4	0.27	0.88	2.00	1.29	4.05	3/4"	0.18	0.18	2-1/16
YA312TC38						3/8	0.40	0.88	2.00	1.29	4.49	1"	0.18	0.18	
YA312N						1/2	0.56	0.88	2.00	1.29	5.69	1-3/4"	0.18	0.18	
YA322TC38	400 kcmil	—	—	Blue	19 or 470	3/8	0.40	0.95	2.12	1.40	4.66	1"	0.19	0.19	2-3/16
YA322N						1/2	0.56	0.95	2.12	1.40	5.85	1-3/4"	0.19	0.19	
YA332N	450 kcmil	—	—	Gray	326 or 538	1/2	0.56	1.01	2.13	1.48	5.93	1-3/4"	0.21	0.21	2-3/16

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor

◆ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions

Available undrilled. Add suffix U to catalog number (example: YA25U)

Notes: All dimensions shown are for reference only.

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