

TYPES YAV-2TC, YA-2LN, YA-L-2TC-

HYLUG™

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

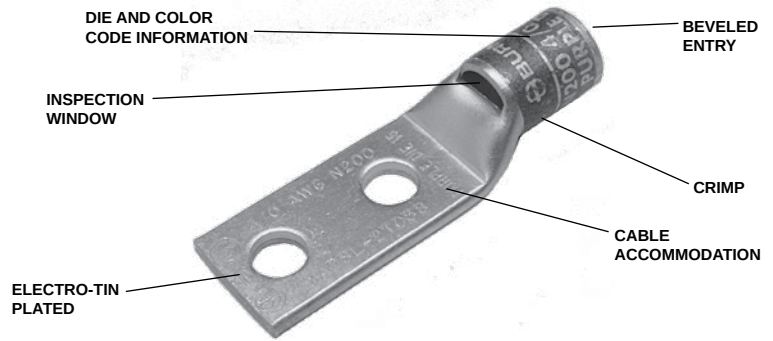
45° and 90° angles available. Please contact Customer Service to order:
1-800-346-4175

Features & Benefits

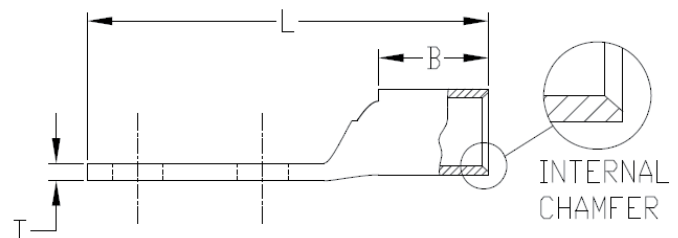
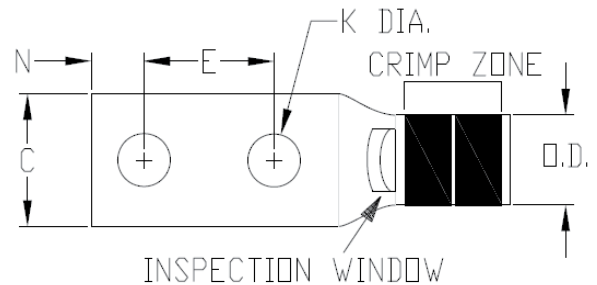
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the strands
- Short/Standard length barrel is recommended for installations with limited space requirements
- 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

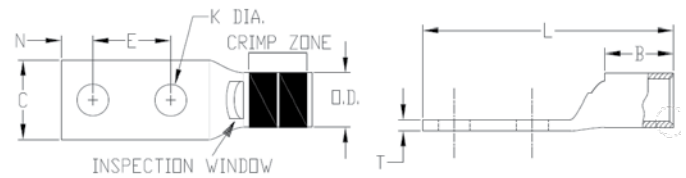
- Hardware - Section F
- PENETROX™ Oxide Inhibitor - Section F
- Heat and Cold Shrink Tubing - Section D
- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G



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.



TYPES YAV-2TC, YA-2LN, YA-L-2TC- (Continued)



▲ See Copper Code Standard 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)	
YA34L2TC14E2	500 kcmil	—	240	Brown	20 or 299	1/4	0.27	1.06	1.27	1.55	3.44	3/4	0.31	0.23	1-7/16
YA342L						3/8	0.40	1.06	1.27	1.55	3.94	1	0.41	0.23	
YA34L2TC38						3/8	0.41	1.06	1.27	1.55	3.88	1	0.41	0.23	
YA34L2TC12						1/2	0.52	1.06	1.27	1.55	4.38	1-1/4	0.53	0.23	
YA342LN						1/2	0.56	1.06	1.27	1.55	5.06	1-3/4	0.63	0.23	
YA352L	550 kcmil	—	—	Yellow	21	3/8	0.44	1.13	1.69	1.65	4.64	1-1/8	0.50	0.25	1-3/4
YA352LN						1/2	0.56	1.13	1.69	1.65	5.51	1-3/4	0.63	0.25	
YA36L2TC38	600 kcmil	—	300	Green	22 or 472	3/8	0.40	1.19	1.38	1.74	4.23	1	0.50	0.27	1-3/4
YA362LN						1/2	0.56	1.19	1.38	1.74	5.23	1-3/4	0.63	0.27	
YA372L	650 kcmil	—	—	Orange	23	3/8	0.44	1.23	1.39	1.80	4.40	1-1/8	0.50	0.27	1-15/16
YA372LN						1/2	0.56	1.23	1.39	1.80	5.27	1-3/4	0.63	0.27	
YA38L2TC38	700 kcmil	—	—	Pink	400	3/8	0.40	1.25	1.45	1.84	4.35	1	0.50	0.27	1-15/16
YA382L						3/8	0.44	1.25	1.45	1.84	4.48	1-1/8	0.50	0.27	
YA38L2TC12						1/2	0.52	1.25	1.45	1.84	4.67	1-1/2	0.53	0.27	
YA382LN						1/2	0.56	1.25	1.45	1.84	5.35	1-3/4	0.63	0.27	
YA39L2TC38	750 kcmil	—	—	Black	24	3/8	0.40	1.30	1.42	1.91	4.36	1	0.50	0.27	1-15/16
YA392L						3/8	0.44	1.30	1.42	1.91	4.48	1-1/8	0.50	0.27	
YA39L2TC12E3						1/2	0.52	1.30	1.42	1.91	4.92	1-1/2	0.53	0.27	
YA392LN						1/2	0.56	1.30	1.42	1.91	5.36	1-3/4	0.63	0.27	
YA39L2TC58						5/8	0.69	1.30	1.42	1.91	5.17	1-1/2	0.66	0.27	
YA40L2TC38	800 kcmil	—	400	Orange	25	3/8	0.40	1.35	1.42	1.98	4.37	1	0.50	0.30	1-15/16
YA402L						3/8	0.44	1.35	1.42	1.98	4.50	1-1/8	0.50	0.30	
YA402LN						1/2	0.56	1.35	1.42	1.98	5.38	1-3/4	0.63	0.30	
YA412L	850 kcmil	—	—	Gold	26	3/8	0.44	1.38	1.88	2.01	4.97	1-1/8	0.50	0.31	1-15/16
YA442L	1000 kcmil	—	500	White	27	1/2	0.56	1.50	1.65	2.19	5.24	1-1/4	0.63	0.33	1-15/16
YA44L2TC12						1/2	0.52	1.50	1.65	2.19	5.05	1-1/4	0.53	0.33	
YA442LN						1/2	0.56	1.50	1.65	2.19	5.74	1-3/4	0.63	0.33	

*** 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

Notes: All dimensions shown are for reference only.

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