

**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL**

C-48

**TYPES YA-L, YA-L-FX, YAV,
YAV-L-FX**

**COPPER COMPRESSION
TERMINAL**

UL Listed 90° C, Up to 35 kV ♦
45° and 90° angles are available.
Please contact Customer Service to order:
1-800-346-4175

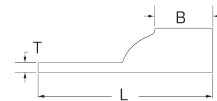


NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.

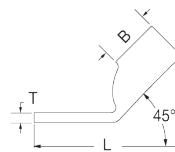
Features & Benefits

- 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 wire strands during insertion
- Short/Standard length barrel is recommended for installations with limited space requirements
- 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
- Connectors accommodating wire sizes #10 - 4/0 AWG accommodate both Flex and Code Wire. See Tables on each page for specific details
- Tables in this section identify flex wire as the nominal flex wire size followed by the wire classes and DLO wire size and stranding. For Class Wire Strand counts, see the table at the beginning of this section

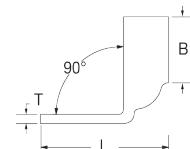
Straight



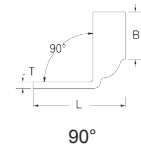
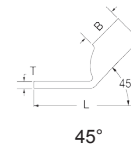
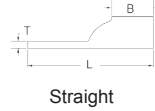
45°



90°



ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL (Continued)



C-50

UL Listed 90° C, Up to 35 kV ♦



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.

Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Dieless (# of crimps)	Installation Tooling			Color Code	Die Index	Wire Strip Length
	AWG/KCMIL	MM ² ***			(B)	(T)	(L)		Mech.	Hydraulic				
										MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS			
YAV27L-TC10-FX	3/0 AWG 3/0 Flex G,H,I,K,M, DLO (450/24)	95	#10	1.03	1.00	0.14	2.03	Y / PAT644 (1) MY29-11 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1
YAV27L-TC14-FX			1/4	1.03	1.00	0.14	2.15							
YAV27L-TC516-FX			5/16	1.03	1.00	0.14	2.21							
YAV27L-TC38-FX			3/8	1.03	1.00	0.14	2.34							
YAV27L-TC12-FX			1/2	1.03	1.00	0.14	2.59							
YAV28L-TC14-FX	4/0 AWG 4/0 Flex G,H,I,K,M, DLO (550/24)	** 120	1/4	1.14	1.03	0.15	2.23	Y / PAT644 (1) MY29-11 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16
YAV28L-TC516-FX			5/16	1.14	1.03	0.15	2.29							
YAV28L-TC38-FX			3/8	1.14	1.03	0.15	2.42							
YAV28L-TC12-FX			1/2	1.14	1.03	0.15	2.67							
YAV28L-TC58-FX			5/8	1.14	1.03	0.15	2.92							
YAV28L-TC34-FX	3/4	1.14	1.03	0.15	3.11									
YAV29L-TC14-FX	250 kcmil 4/0 Flex G,H,I,K,M, DLO (550/24)	—	1/4	1.18	1.03	0.16	2.23	Y / PAT644HSXT (1) MY29-11 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/16
YAV29L-TC516-FX			5/16	1.18	1.03	0.16	2.30							
YAV29L-TC38-FX			3/8	1.18	1.03	0.16	2.42							
YAV29L-TC12-FX			1/2	1.18	1.03	0.16	2.67							
YAV29L-TC58-FX			5/8	1.18	1.03	0.16	2.92							
YAV29L-TC34-FX	3/4	1.18	1.03	0.16	3.11									
YA30L-TC516-FX	250 kcmil G,H	—	5/16	1.20	1.03	0.16	2.31	Y / PAT644 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8
YA30L-TC38-FX			3/8	1.20	1.03	0.16	2.44							
YA30L-TC12-FX			1/2	1.20	1.03	0.16	2.69							
YA30L-TC58-FX			5/8	1.20	1.03	0.16	2.94							
YA30L-TC34-FX			3/4	1.20	1.03	0.16	3.12							
YA31L-TC14-FX	250 kcmil I,K,M, DLO 262 (650/24)	150	1/4	1.29	1.06	0.18	2.31	Y / PAT644 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2)	White	17 or 298	1-1/8
YA31L-TC516-FX			5/16	1.29	1.06	0.18	2.37							
YA31L-TC38-FX			3/8	1.29	1.06	0.18	2.50							
YA31L-TC12-FX			1/2	1.29	1.06	0.18	2.75							
YA31L-NT12-FX			1/2	0.96	1.06	0.18	2.75							
YA31L-TC58-FX			5/8	1.29	1.06	0.18	3.00							
YA31L-TC34-FX	3/4	1.29	1.06	0.18	3.19									
YA32L-TC38-FX	300 kcmil G,H,I,K,M, DLO 313 (775/24)	185	3/8	1.40	1.19	0.19	2.68	Y / PAT644 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2)	Red	18 or 324	1-1/4
YA32L-TC12-FX			1/2	1.40	1.19	0.19	2.93							
YA32L-TC58-FX			5/8	1.40	1.19	0.19	3.18							
YA32L-TC100-FX			1	1.74	1.19	0.27	3.87							
YA34L-TC516-FX	350 kcmil G,H,I,K,M, DLO 373 (925/24)	240	5/16	1.55	1.27	0.23	2.74	Y / PAT644 (1) Y / PAT81KFT (1) Y / PAT4PC834 (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2)	Blue	19 or 470	1-5/16
YA34L-TC38-FX			3/8	1.55	1.27	0.23	2.87							
YA34L-TC12-FX			1/2	1.55	1.27	0.23	3.12							
YA34L-TC58-FX			5/8	1.55	1.27	0.23	3.37							

* Use PUADP-1 adapter with U dies in Y46 HYPRESS™

** The MM² conductor size listed is for both Class 2 and Class 5 conductors

*** The MM² conductor sizes listed are the recommendations for Class 5 conductor

▲ See tooling section of this catalog for complete tool and die listings. Use only color-coded die recommendations for -FX connectors. For nest/indenter system contact factory

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions
Note: All dimensions shown are for reference only