

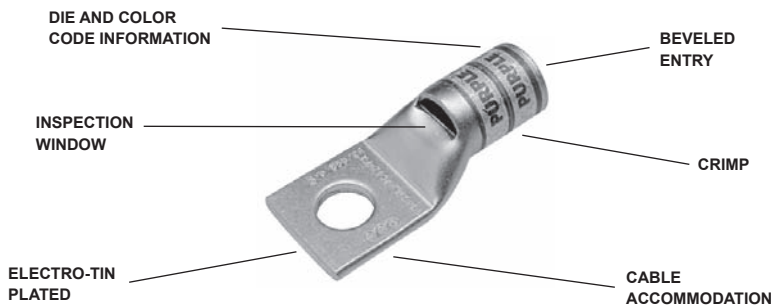
ONE HOLE HYLUG™ FLEX CONDUCTOR STANDARD BARREL

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.

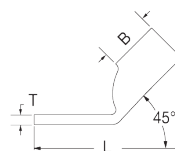
Features & Benefits

- 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

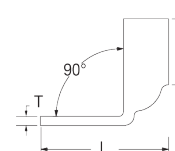
Straight



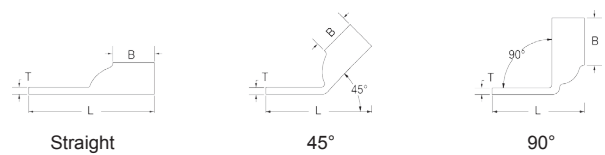
45°



90°



**ONE HOLE HYLUG™
FLEX CONDUCTOR
STANDARD BARREL**
(Continued)



UL Listed 90° C, Up to 35 kV ♦



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Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length	
	AWG/KCMIL	MM² ***			(B)	(T)	(L)	Dieless (# of crimps)	Mech.		Hydraulic	Color Code		Die Index
									MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS				
YA8CL-BOX	#8 AWG G,H,I,K,M, DLO (37/24)	** 10	#8 - #10	0.41	0.44	0.08	1.16	Y122CMR (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16
YA8CL1-BOX			1/4	0.44	0.44	0.08	1.26	Y1MRTC (1)						
YA8CL2-BOX			5/16	0.52	0.44	0.06	1.38	MY29-3 (1)						
YA8CL3-BOX			3/8	0.58	0.44	0.06	1.51	MY29-11 (1) MRC840 (1)						
YA8CL4-BOX			1/2	0.71	0.44	0.05	1.76	Y4PC834(1) Y8MRB-1 (1) Y / PAT81KFT (1)						
YAV6CL-TC10-FX	#6 AWG #6 Flex G,H,I,K,M, DLO (61/24)	** 16	#10	0.48	0.50	0.08	1.30	Y122CMR (1)	W5CVT (1) W5CRT (1) X5CRT (1)	W5CVT (1) W5CRT (1) X5CRT (1)	U5CRT (1)	Blue	7	1/2
YAV6CL-TC14-FX			1/4	0.48	0.50	0.08	1.43	Y1MRTC (1)						
YAV6CL-TC516-FX			5/16	0.52	0.50	0.07	1.49	MY29-11 (1)						
YAV6CL-TC38-FX			3/8	0.58	0.50	0.06	1.61	MRC840 (1)						
YAV6CL-TC12-FX			1/2	0.75	0.50	0.12	1.86	Y / PAT644 (1) Y8MRB-1 (1) Y / PAT81KFT (1)						
YAV4CL-TC10-FX	#4 AWG #4 Flex G,H,I,K,M, DLO (105/24)	—	#10	0.55	0.50	0.09	1.32	Y122CMR (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1)	Gray	8	1/2
YAV4CL-TC14-FX			1/4	0.55	0.50	0.09	1.44	MY29-11 (1)						
YAV4CL-TC516-FX			5/16	0.55	0.50	0.09	1.51	Y / PAT4PC834 (1)						
YAV4CL-TC38-FX			3/8	0.58	0.50	0.08	1.67	Y / PAT81KFT (1) Y1MRTC (2)						
YAV4CL-TC12-FX			1/2	0.71	0.50	0.07	1.92	Y / PAT644 (1)						
YAV2CL-TC10-FX	#2 AWG #2 Flex G,H,I,K,M, DLO (150/24)	35	#10	0.68	0.63	0.10	1.50	Y122CMR (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	11/16
YAV2CL-TC14-FX			1/4	0.68	0.63	0.10	1.62	MY29-11 (1)						
YAV2CL-TC516-FX			5/16	0.68	0.63	0.10	1.69	Y / PAT81KFT (1)						
YAV2CL-TC38-FX			3/8	0.68	0.63	0.10	1.81	Y / PAT4PC834 (1) Y1MRTC (2)						
YAV2CL-TC12-FX			1/2	0.73	0.63	0.09	2.12	Y / PAT644 (1)						
YAV1CL-TC10-FX	#1 AWG #1 Flex G,H,I,K,M, DLO (225/24)	—	#10	0.75	0.62	0.12	1.52	Y / PAT644 (1)	W1CVT (1) W1CRT (1) X1CRT (1)	W1CVT (1) W1CRT (1) X1CRT (1)	U1CRT1 (1)	Green	11	11/16
YAV1CL-TC14-FX			1/4	0.75	0.62	0.12	1.65	MY29-11 (1)						
YAV1CL-TC516-FX			5/16	0.75	0.62	0.12	1.71	Y / PAT81KFT (1)						
YAV1CL-TC38-FX			3/8	0.75	0.62	0.12	1.84	Y / PAT4PC834 (1)						
YAV1CL-TC12-FX			1/2	0.75	0.62	0.12	2.09	Y / PAT81KFT (1)						
YAV25L-TC14-FX	1/0 AWG 1/0 Flex G,H,I,K,M, DLO (275/24)	50	1/4	0.83	0.69	0.12	1.75	Y / PAT644 (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1)	Pink	12	11/16
YAV25L-TC516-FX			5/16	0.83	0.69	0.12	1.81	MY29-11 (1)						
YAV25L-TC38-FX			3/8	0.83	0.69	0.12	1.94	Y / PAT81KFT (1)						
YAV25L-TC12-FX			1/2	0.83	0.69	0.12	2.19	Y / PAT4PC834 (1)						
YAV26L-TC10-FX			2/0 AWG 2/0 Flex G,H,I,K,M, DLO (325/24)	70	#10	0.93	0.81	0.13						
YAV26L-TC14-FX	1/4	0.93			0.81	0.13	1.92	MY29-11 (1)						
YAV26L-TC516-FX	5/16	0.93			0.81	0.13	1.98	Y / PAT81KFT (1)						
YAV26L-TC38-FX	3/8	0.93			0.81	0.13	2.11	Y / PAT4PC834 (1)						
YAV26L-TC12-FX	1/2	0.93			0.81	0.13	2.36	Y / PAT81KFT (1)						
YAV26L-TC58-FX	5/8	0.93	0.81	0.13	2.61	Y / PAT4PC834 (1)								
YAV26L-TC34-FX	3/4	1.10	0.81	0.11	2.89	Y / PAT4PC834 (1)								

* 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