

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

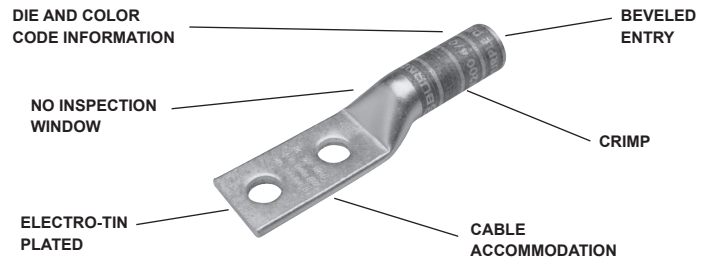
HYLUG™

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

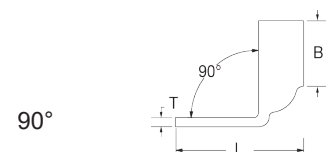
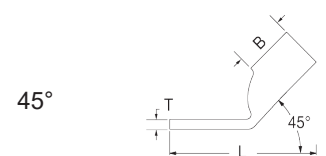
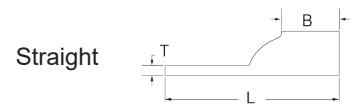
45° and 90° angles available. Please contact Customer Service to order:
1-800-346-4175

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



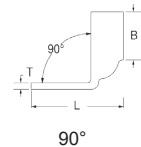
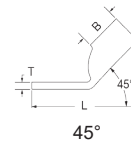
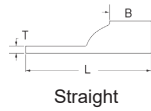
NOTE: Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



Compression Connections

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

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



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	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	Installation Tooling					Wire Strip Length
	AWG	MM ² ***				(B)	(T)	(L)		Mech.	Hydraulic		Color Code	Die Index	
											MD6, OUR840, MD7-34R	BCT500, Y500CT			
YA8C2TC14	#8 AWG #8 Flex G,H,I,K,M DLO 37/24	8.37 † 10	1/4	5/8"	0.44	0.81	0.08	2.33	Y8MRB-1 (2), Y1MRTC, MY293 (2), MY2911 (2), MRC840 (2), Y / PAT81KFT (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8
YA8C2TC14E2			1/4	3/4"	0.44	0.81	0.08	2.45							
YA8C2TC38			3/8	1"	0.58	0.81	0.06	2.89							
YA6C2TC14	#6 AWG Sol□/Str	13.3	1/4	5/8"	0.45	1.12	0.08	2.65	Y1MRTC (2), MY293 (2), MY29-11 (2), MRC840 (2), Y / PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374	1-3/16
YA6C2TC14E2			1/4	3/4"	0.45	1.12	0.08	2.78							
YA6C2TC14E1			1/4	1"	0.45	1.12	0.08	3.03							
YA6C2TC38E2			3/8	3/4"	0.58	1.12	0.06	2.97							
YA6C2TC38E6			3/8	7/8"	0.58	1.12	0.06	3.09							
YA6C2TC38			3/8	1"	0.58	1.12	0.06	3.22							
YA6C2N	1/2	1-3/4"	0.83	1.12	0.12	4.40									
YA5C2N	#5 AWG	—	1/2	1-3/4"	0.83	1.12	0.12	4.43	MY293 (2), MY2911 (2), MRC840 (2), Y644 (1), Y / PAT81KFT (1)	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16
YA4C2TC14	#4 AWG	21.2	1/4	5/8"	0.50	1.12	0.09	2.70	Y1MRTC (4), MY293 (2), MY2911 (2), MRC840 (2), Y644 (1), Y / PAT81KFT (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16
YA4C2TC14E2			1/4	3/4"	0.50	1.12	0.09	2.83							
YA4C2TC38			3/8	1"	0.58	1.12	0.08	3.26							
YA4C2N			1/2	1-3/4"	0.83	1.12	0.12	4.45							
YA3C2TC14	#3 Str. #3 AWG #2 Sol.	26.7 25	1/4	5/8"	0.55	1.25	0.09	2.87	Y122CMR** (4) Y1MRTC (4), MY293 (2), MY2911 (2), MRC840 (2), Y644 (1), Y / PAT81KFT (1)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16
YA3C2TC14E2			1/4	3/4"	0.55	1.25	0.09	2.99							
YA3C2TC38E2			3/8	3/4"	0.58	1.25	0.08	3.18							
YA3C2TC38			3/8	1"	0.58	1.25	0.08	3.43							
YA3C2N	1/2	1-3/4"	0.83	1.25	0.12	4.62									
YA2C2TC14	#2 AWG	33.6 35	1/4	5/8"	0.60	1.25	0.11	2.86	Y122CMR** (4) Y1MRTC (4), MY293 (2), MY2911 (2), MRC840 (2), Y644 (1), Y / PAT81KFT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16
YA2C2TC14E2			1/4	3/4"	0.60	1.25	0.11	2.98							
YA2C2TC516E2			5/16	3/4"	0.60	1.25	0.11	3.05							
YA2C2TC38E2			3/8	3/4"	0.60	1.25	0.11	3.17							
YA2C2TC38E6			3/8	7/8"	0.60	1.25	0.11	3.30							
YA2C2TC38			3/8	1"	0.60	1.25	0.11	3.42							
YA2C2NTC38			3/8	1-3/4"	0.60	1.25	0.11	4.17							
YA2C2N	1/2	1-3/4"	0.83	1.25	0.12	4.64									
YA1C2TC14	#1 AWG	42.4 50	1/4	5/8"	0.67	1.38	0.10	3.03	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11 or 375	1-7/16	
YA1C2TC14E2			1/4	3/4"	0.67	1.38	0.10	3.15							
YA1C2TC38			3/8	1"	0.67	1.38	0.10	3.59							
YA1C2N			1/2	1-3/4"	0.83	1.38	0.12	4.82							

▲ See tooling section of this catalog for complete tool and die listings

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

** Y122CMR tool #10-#2 AWG Wire only

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

† The MM² conductor size listed here is for Class 2 and Class 5 conductor

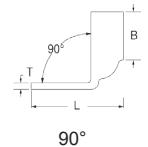
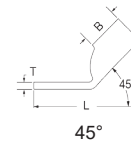
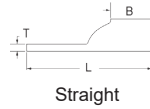
□ Y644 / PAT644 tooling not for use on 6 AWG Sol.

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

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

Note: All dimensions shown are for reference only

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



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	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	Installation Tooling					Wire Strip Length	
	AWG	MM ² ***				(B)	(T)	(L)		Mech.		Hydraulic		Color Code		Die Index
										MD6, OUR840, MD7-34R	BCT500, Y500CT	Y35, Y39, Y750, Y46*, PAT750				
YA252TC14	1/0 AWG	53.5	1/4	5/8"	0.75	1.38	0.12	3.05	MY293 (2), MY2911 (2), MRC840 (4), Y644 (1), Y / PAT81KFT (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12	1-7/16	
YA252TC14E2			1/4	3/4"	0.75	1.38	0.12	3.18								
YA252TC516			5/16	1"	0.75	1.38	0.12	3.49								
YA252TC38			3/8	1"	0.75	1.38	0.12	3.62								
YA252NTC38			3/8	1-3/4"	0.75	1.38	0.12	4.37								
YA252N	2/0 AWG	67.4 70	1/2	1-3/4"	0.83	1.38	0.11	4.81	MY293 (2), MY2911 (2), MRC840 (4), Y644 (1), Y / PAT81KFT (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16	
YA262TC14			1/4	5/8"	0.83	1.50	0.12	3.22								
YA262TC14E2			1/4	3/4"	0.83	1.50	0.12	3.34								
YA262TC38			3/8	1"	0.83	1.50	0.12	3.78								
YA262N			1/2	1-3/4"	0.83	1.50	0.12	4.97								
YA272TC14E2	3/0 AWG	85	1/4	3/4"	0.90	1.50	0.12	3.38	MY293 (2), MY2911 (2), MRC840 (4), Y644 (1), Y / PAT81KFT (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16	
YA272TC38			3/8	1"	0.90	1.50	0.12	3.82								
YA272N			1/2	1-3/4"	0.91	1.50	0.13	5.01								
YA282TC14E2	4/0 AWG	107	1/4	3/4"	1.02	1.62	0.14	3.55	MY293 (2), MY2911 (2), MRC840 (4), Y644 (1), Y / PAT81KFT (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16	
YA282TC38			3/8	1"	1.02	1.62	0.14	3.99								
YA282NTC38			3/8	1-3/4"	1.02	1.62	0.14	4.74								
YA282N			1/2	1-3/4"	1.02	1.62	0.14	5.17								
YA292TC38	250 kcmil	127	3/8	1"	1.10	1.62	0.16	4.02	MY293 (2), MY2911 (2), Y644 (1), Y / PAT81KFT (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4)	U29RT (2)	Yellow	16	1-11/16	
YA292N			1/2	1-3/4"	1.11	1.62	0.16	5.21								
YA292TC58E16			5/8	1-3/4"	1.11	1.62	0.16	5.27								
YA302TC38	300 kcmil	152 150	3/8	1"	1.20	2.00	0.16	4.45	Y644 (1), Y / PAT81KFT (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16	
YA302N			1/2	1-3/4"	1.20	2.00	0.16	5.64								
YA312TC14E2	350 kcmil	177 185	1/4	3/4"	1.29	2.00	0.18	4.05	Y644 (1), Y / PAT81KFT (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16	
YA312TC38			3/8	1"	1.29	2.00	0.18	4.49								
YA312N			1/2	1-3/4"	1.29	2.00	0.18	5.69								
YA322TC38	400 kcmil	203	3/8	1"	1.40	2.12	0.19	4.66	Y644 (1), Y / PAT81KFT (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16	
YA322N			1/2	1-3/4"	1.40	2.12	0.19	5.85								
YA332N	450 kcmil	—	1/2	1-3/4"	1.48	2.13	0.21	5.93	Y644 (1), Y / PAT81KFT (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT	Gray	326 or 538	2-3/16	
YA342TC14E2	500 kcmil	253 240	1/4	3/4"	1.55	2.25	0.23	4.46								
YA342TC38			3/8	1"	1.55	2.25	0.23	4.90								
YA342N			1/2	1-3/4"	1.55	2.25	0.23	6.06								
YA352N	550 kcmil	—	1/2	1-3/4"	1.65	2.63	0.25	6.49								—
YA362TC38	600 kcmil	304 300	3/8	1"	1.74	2.69	0.26	5.59								
YA362N			1/2	1-3/4"	1.74	2.69	0.27	6.59								

▲ See tooling section of this catalog for complete tool and die listings
* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™
** P-RT die sets for use in Y46 HYPRESS™ only, PUADP-1 adaptor not required

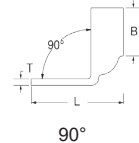
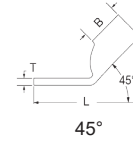
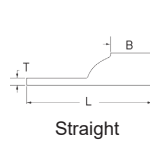
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♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions
Note: All dimensions shown are for reference only

Compression Connections

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

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



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	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	Installation Tooling					Wire Strip Length			
	AWG	MM ² ***				(B)	(T)	(L)		Mech. MD6, OUR840, MD7-34R	Hydraulic		Color Code	Die Index				
											BCT500, Y500CT	Y35, Y39, Y750 Y46*, PAT750						
YA372N	650 kcmil	—	1/2	1-3/4"	1.80	2.81	0.27	6.74	Y644 (1) Y / PAT81KFT (4)	—	—	U37RT (4)	Orange	23	2-7/8			
YA382TC38	700 kcmil	355	3/8	1"	1.84	2.81	0.27	5.76				U38RT (4)	Pink	400	2-7/8			
YA382N			1/2	1-3/4"	1.84	2.81	0.27	6.77				U39RT (4) P39RT (4)	Black	24	2-15/16			
YA392NT38	3/8	1"	1.91	2.88	0.27	5.87												
YA392TC38	750 kcmil	380	3/8	1"	1.63	2.88	0.27	5.87										
YA392N			1/2	1-3/4"	1.91	2.88	0.27	6.87										
YA392ENNT			1/2	1-3/4"	1.30	2.88	—	6.87										
YA402N	800 kcmil	405 400	1/2	1-3/4"	1.98	2.94	0.30	6.95								P40RT (4)	Orange	25
YA412N	850 kcmil	—	1/2	1-3/4"	2.01	2.94	0.31	6.96				P41D (2)** P44PR	Gold	26	3			
YA442TC38	1000 kcmil	507 500	3/8	1"	2.19	3.00	0.33	6.14				P44RT (4)	White	27	3-1/16			
YA442N	1000 kcmil		1/2	1-3/4"	2.19	3.00	0.32	7.14				P44RT (4)	White	27	3-1/16			
YA452N	1250 kcmil	633	1/2	1-3/4"	2.46	3.19	0.38	7.44				—	—	—	P45RT (6)	Yellow	29	3-1/4
YA4532N	1300 kcmil	—	1/2	1-3/4"	2.53	3.19	0.39	7.48							—	Orange	30	3-1/4
YA462N	1500 kcmil	760	1/2	1-3/4"	2.69	3.19	0.40	7.55							P46RT (6)	Green	31	3-1/4
YA472N	1750 kcmil	887	1/2	1-3/4"	2.90	3.44	0.42	7.89							—	Gray	33	3-1/2
YA482N	2000 kcmil	1010	1/2	1-3/4"	3.10	3.44	0.46	7.98							—	Brown	34	3-1/2
									—	—	—				—			

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