

## TYPES YA-L, YA-L-TC

### 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

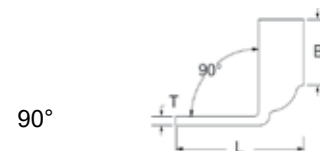
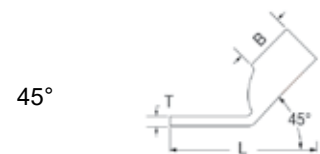
- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug; not recommended in highly corrosive environments as the wire in the barrel is exposed to corrosive elements when installed
- Barrel is designed with an internal chamfer at the wire entry 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
- 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



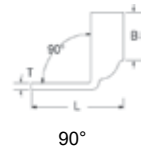
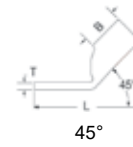
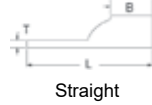
**NOTE:** Field bending straight lugs to achieve an angular connection will void UL Listing / CSA Certifications and BURNDY will not be liable for the connection.



# Compression Connections

Copper Compression — Code — One Hole  
Standard Barrel

## TYPES YA-L, YA-L-TC (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	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length	
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index
YAV10BOX	#14-#10 Str #12-#10 Sol	3.31 - 5.26 6	#8-#10	0.38	0.40	0.06	0.97	Non-Ratchet: Y10D, Y1022 Ratchet: MR8G98, MR89Q, Y8MRB1, MR20, N10HT, N10HT24, Y122CMR	—	—	—	—	—	7/16"
YAV10RBOX (90°)			#8-#10	0.38	0.38	0.06	0.53							3/8"
YAV10T2BOX			5/16	0.53	0.39	0.04	1.13							7/16"
YAV10R3BOX (90°)			1/4	0.47	0.38	0.04	0.55							5/16"
YAV10T3BOX			1/4	0.45	0.41	0.05	1.10							7/16"
YAV10T4BOX			3/8	0.55	0.45	0.04	1.17							
YA8CLBOX	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 † 10	#8-#10	0.41	0.44	0.08	1.16	Y122CMR (1) Y1MRTC (1) MRC840 (1) Y8MRB1 (1) MY29 Series (1) 4PC Series (1) 81K Series (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16
YA8CL1BOX			1/4	0.44	0.44	0.08	1.26							
YA8CL2BOX			5/16	0.52	0.44	0.06	1.38							
YA8CL3BOX			3/8	0.58	0.44	0.06	1.51							
YA8CL4BOX			1/2	0.71	0.44	0.05	1.76							
YA6CL1BOX	#6 AWG Str. Sol.	13.3	#8-#10	0.41	0.54	0.09	1.27	Y122CMR (1) Y1MRTC (1) MRC840 (1) MY29 Series (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1)	Blue	7 or 374	9/16
YA6CLBOX			1/4	0.45	0.54	0.08	1.45							
YA6CL3BOX			5/16	0.52	0.54	0.07	1.52							
YA6CL4BOX			3/8	0.63	0.54	0.06	1.62							
YA6CL6			1/2	0.75	0.54	0.12	1.87							
YA5CL	#5 AWG	—	1/4	0.44	0.81	0.07	1.65	W5CRT (1) W5CVT (1) X5CRT (1)	W5CRT (1) X5CRT (1) W5CVT (1)					
YA4CL1BOX	#4 AWG	21.2	#8-#10	0.50	0.81	0.09	1.58	Y122CMR (2) Y1MRTC (2) MRC840 (1) MY29 Series (1) 81K Series (1) 644 Series (1) 444 Series (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8	7/8
YA4CLBOX			1/4	0.50	0.81	0.09	1.74							
YA4CL3BOX			5/16	0.50	0.81	0.08	1.79							
YA4CL4BOX			3/8	0.58	0.81	0.09	1.92							
YA4CL6BOX			1/2	0.71	0.81	0.06	2.20							
YA3CL	#3 Str #2 Sol	26.7 25	5/16	0.55	0.88	0.09	1.88	W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16	

\* Use PUADP1 adapter with U dies in 46 Series

\*\* P-RT die sets for use in Y46 HYPRESS™ only, PUADP1 adapter not required

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

† The MM<sup>2</sup> conductor size listed is for both Class 2 and Class 5 conductor

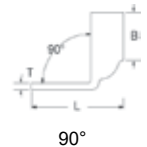
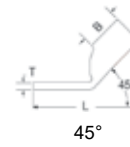
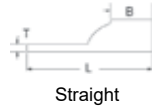
▲ See tooling section of this catalog for complete tool and die listings

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

Note: All dimensions shown are for reference only.

YAV10 Series feature rounded tongues and are not ink stamped

## TYPES YA-L, YA-L-TC (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	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA2CL2BOX	#2 AWG	33.6 35	1/4	0.61	0.88	0.11	1.88	Y122CMR (2)** Y1MRTC (2) MY29 Series (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16
YA2CLBOX			5/16	0.61	0.88	0.11	1.93							
YA2CL4BOX			3/8	0.61	0.88	0.11	2.06							
YA2CL6BOX			1/2	0.73	0.88	0.09	2.32							
YA1CL2	#1 AWG	42.4 50	1/4	0.68	0.88	0.10	1.81		W1CVT(1) W1CRT1 (1) X1CRT1 (1)	W1CVT(1) W1CRT1 (1) X1CRT1 (1)	U1CRT1 (1) U4CABT (1)	Green	11 or 375	15/16
YA1CLBOX			5/16	0.68	0.88	0.10	1.94							
YA1CL4BOX			3/8	0.68	0.88	0.10	2.06							
YA1CL6BOX			1/2	0.73	0.88	0.09	2.37							
YA25L2BOX	1/0 AWG	53.5	1/4	0.75	0.88	0.12	1.84	MY29 Series (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12	15/16
YA25LBOX			5/16	0.75	0.88	0.12	1.96							
YA25L4BOX			3/8	0.75	0.88	0.12	2.09							
YA25L6			1/2	0.75	0.88	0.12	2.34							
YA26L2BOX	2/0 AWG	67.4 70	1/4	0.83	0.94	0.12	1.94		W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1
YA26L3			5/16	0.83	0.94	0.12	2.06							
YA26LBOX			3/8	0.83	0.94	0.12	2.19							
YA26L6BOX			1/2	0.83	0.94	0.12	2.44							
YA26L60	3/4	1.02	0.94	0.10	2.96									
YA27L3	3/0 AWG	85	5/16	0.91	1.00	0.13	2.16	MY29 Series (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16
YA27L4BOX			3/8	0.91	1.00	0.13	2.29							
YA27LBOX			1/2	0.91	1.00	0.13	2.54							
YA28L2	4/0 AWG	107	1/4	1.02	0.88	0.14	1.96	MY29 Series (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8
YA28L3			5/16	1.02	0.88	0.14	2.08							
YA28L4BOX			3/8	1.02	0.88	0.14	2.21							
YA28LBOX			1/2	1.02	0.88	0.14	2.46							
YA28L56	3/4	1.05	0.88	0.13	2.90									
YA29L2	250 kcmil	127	1/4	1.11	1.06	0.16	2.17	MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (2)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8
YA29L4			3/8	1.11	1.06	0.16	2.42							
YA29L7			5/16	1.11	1.06	0.16	2.30							
YA29LBOX			1/2	1.11	1.06	0.16	2.67							
YA29LTC78			7/8	1.11	1.06	0.14	3.36							

\* Use PUADP1 adapter with U dies in 46 Series  
 \*\* Y122CMR tool #10-#2 AWG Wire only  
 \*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

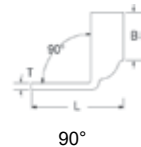
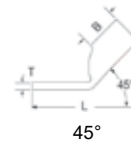
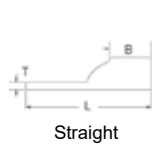
▲ See tooling section of this catalog for complete tool and die listings.

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**Note:** All dimensions shown are for reference only.

# Compression Connections

Copper Compression — Code — One Hole  
Standard Barrel

## TYPES YA-L, YA-L-TC (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	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length	
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index
YA30L1	300 kcmil	152 150	5/16	1.20	1.03	0.16	2.31	644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17	1-1/16
YA30L24			3/8	1.20	1.03	0.16	2.44							
YA30L			1/2	1.20	1.03	0.16	2.69							
YA30LN			1/2	1.20	1.03	0.16	2.87							
YA30L7			5/8	1.20	1.03	0.16	2.94							
YA30L28			3/4	1.20	1.03	0.16	3.12							
YA30L27			7/8	1.20	1.03	0.16	3.37							
YA31L11			350 kcmil	177 185	3/8	1.29	1.06							0.18
YA31L	1/2	1.29			1.06	0.18	2.75							
YA31L7	5/8	1.29			1.06	0.18	3.00							
YA31L36	7/8	1.29			1.06	0.18	4.02							
YA32L14	400 kcmil	203	3/8	1.40	1.19	0.19	2.68	644 Series (1) 444 Series (1) 81K Series (2)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19	1-1/4
YA32LN			1/2	1.40	1.19	0.19	3.12							
YA32L1			1/2	1.40	1.19	0.19	2.93							
YA32L			5/8	1.40	1.19	0.19	3.18							
YA32LTC78	7/8	1.40	1.19	0.19	3.62									
YA33L	450 kcmil	—	5/8	1.48	1.50	0.21	3.57	644 Series (1) 444 Series (1) 81K Series (2)	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326	1-9/16
YA34L37	500 kcmil	253 240	3/8	1.55	1.27	0.23	2.87	644 Series (1) 444 Series (1) 81K Series (2)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (1)	Brown	20	1-7/16
YA34L6			1/2	1.55	1.27	0.23	3.12							
YA34L			5/8	1.55	1.27	0.23	3.37							
YA34L8			3/4	1.55	1.27	0.23	3.55							
YA34L9			7/8	1.55	1.27	0.23	3.80							
YA34L20			1	1.55	1.27	0.23	4.05							
YA36L11	600 kcmil	304 300	1/2	1.74	1.38	0.27	3.29	644 Series (1) 444 Series (1) 81K Series (2)	—	—	U36RT (2)	Green	22 or 472	1-3/4
YA36L			5/8	1.74	1.38	0.27	3.54							
YA36LTC78			7/8	1.74	1.38	0.27	3.97							

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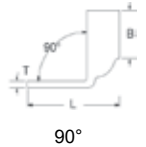
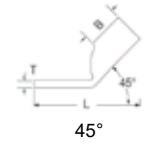
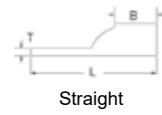
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Catalog Number	Conductor		Stud Hole Size	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length	
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index
YA37L	650 kcmil	—	5/8	1.80	1.39	0.27	3.57	—	—	U37RT (2)	Orange	23	1-15/16	
YA37L1			3/4	1.80	1.39	0.27	3.76							
YA38L	700 kcmil	355	5/8	1.84	1.45	0.27	3.66	644 Series (1) 444 Series (1) 81K Series (3)	—	—	U38RT (2)	Pink	400	1-15/16
YA39L6	750 kcmil	380	1/2	1.91	1.42	0.27	3.41							
YA39L			5/8	1.91	1.42	0.27	3.57							
YA39L2			7/8	1.91	1.42	0.27	4.10							
YA39L9			1-1/4	1.91	1.42	0.27	4.85							
YA40L	800 kcmil	405 400	5/8	1.98	1.42	0.30	3.81	644 Series (1) 444 Series (1) 81K Series (3)	—	—	P40RT (3)**	Orange	25	1-15/16
YA41L	850 kcmil	—	5/8	2.01	1.88	0.31	4.15							
YA44L2	1000 kcmil	507 500	1/2	2.19	1.65	0.33	3.98							
YA44L			5/8	2.19	1.65	0.33	4.04							
YA44L23			1	2.19	1.65	0.33	4.73							
YA45L	1250 kcmil	633	3/4	2.46	2.00	0.38	4.68	—	—	—	P45RT (3)**	Yellow	29	2-1/16
YA453LBOX	1300 kcmil	—	3/4	2.53	2.00	0.39	4.71	—	—	—	-	Orange	30	2-1/16
YA46L	1500 kcmil	760	3/4	2.69	2.00	0.40	4.78	—	—	—	P46RT (3)**	Green	31	2-1/16
YA48L	2000 kcmil	1010 1000	3/4	3.10	2.25	0.46	5.19	—	—	—	-	Brown	34	2-3/8

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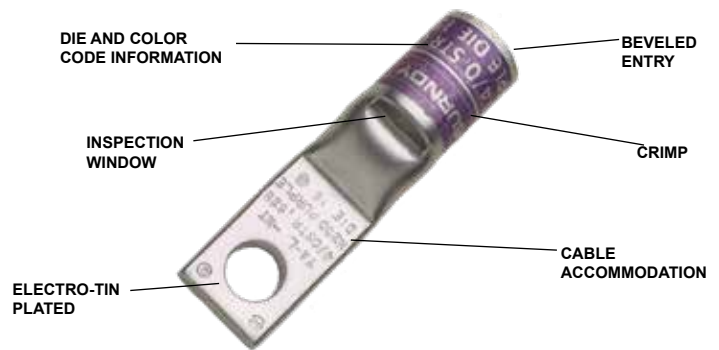
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UL Listed 90° C, Up to 35 kV ♦

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; not recommended in highly corrosive environments as the wire in the barrel is exposed to corrosive elements when installed
- Narrow tongue/tang is designed for limited space applications
- 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
- 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
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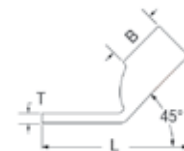


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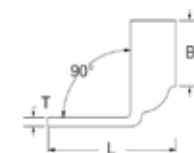
Straight



45°



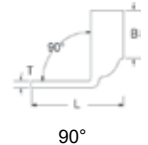
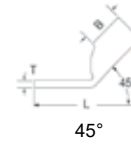
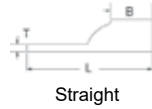
90°



### Accessories

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- WIREMIKE™ Wire Micrometer - Section F
- Wire Management (Cable Ties) - Section G

## TYPE YA-L,-NT (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	Tongue Width	Figure Dimensions			Installation Tooling (# of crimps)					Wire Strip Length	
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless	MD6, OUR840, MD734R	500 Series	35, 750 46° Series	Color Code		Die Index
YA8CLNT6	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 10	#6	0.29	0.44	0.09	1.08	Y1MRTC (1) Y122CMR (1) MY29 Series (1) 81K Series (1)	W8CVT (1)	X8CRT (1)	U8CRT (1)	Red	49	1/2
YA8CLNT8			#8	0.33	0.44	0.09	1.18							
YA6CLNT6	#6 AWG Sol./Str.	13.3	#6	0.29	0.54	0.09	1.17	Y1MRTC (1) Y122CMR (1) MY29 Series (1) MRC840 (1) 81K Series (1)	W5CVT (1)	X5CRT (1)	U5CRT (1)	Blue	7	7/8
YA4CLNT10	#4 AWG	21.2	#10	0.40	0.81	0.09	1.73		W4CVT (1)	X4CRT (1)	U4CRT (1)	Gray	8	7/8
YA3CLNT14	#3 AWG #2 Sol.	26.7 25	1/4	0.41	0.88	0.08	1.82		W3CVT (1)	W3CVT (1)	U3CRT (1)	White	9	15/16
YA3CLNT516			5/16	0.49	0.88	0.08	1.80		W2CVT (1)	X2CRT (1)	U2CRT (1)	Brown	10	15/16
YA2CLNT10	#2 AWG	33.6 35	#10	0.48	0.88	0.11	1.80							
YA2CLNT14			1/4	0.48	0.88	0.11	1.80							
YA2CLNT516			5/16	0.49	0.88	0.11	1.82							
YA1CLNT10	#1 AWG	42.4 50	#10	0.50	0.88	0.10	2.23		MY29 Series (1) 81K Series (1)	W1CVT (1)	X1CRT (1)	U1CRT (1)	Green	11
YA1CLNT14			1/4	0.50	0.88	0.10	2.23							
YA25LNT10	1/0 AWG	53.5	#10	0.62	0.88	0.12	2.28	MY29 Series (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (2)	X25RT (2)	U25RT (1)	Pink	12	15/16
YA25LNT14			1/4	0.48	0.88	0.12	1.93							
YA25LNT516			5/16	0.62	0.88	0.12	2.28							
YA25LNT38			3/8	0.62	0.88	0.12	2.18							
YA26LNT10	2/0 AWG	67.4 70	#10	0.62	0.94	0.13	2.62		W26VT (2)	X26RT (1)	U26RT (1)	Black	13	1
YA26LNT14			1/4	0.48	0.94	0.12	2.02							
YA26LNT516			5/16	0.62	0.94	0.13	2.62							
YA26LNT38			3/8	0.72	0.94	0.12	2.48							
YA27LNT14	3/0 AWG	85	1/4	0.76	1.00	0.13	2.10	MY29 Series (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (2)	X27RT (3)	U27RT (1)	Orange	14	1-1/16
YA27LNT516			5/16	0.60	1.00	0.12	2.17							
YA27LNT38			3/8	0.76	1.00	0.12	2.73							
YA28LNT14	4/0 AWG	107	1/4	0.76	0.88	0.14	2.60	W28VT (2)	X28RT (3)	U28RT (1)	Purple	15	1-1/8	
YA28LNT516			5/16	0.70	0.88	0.14	2.09							
YA28LNT38			3/8	0.76	0.88	0.14	2.67							W28VT (2) W28RT (2) X28RT (3)

\* Use PUADP1 adapter with U dies in 46 Series  
 \*\* The MM<sup>2</sup> conductor size listed is for Class 2 and Class 5 conductor  
 \*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 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

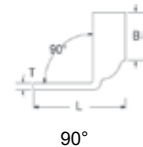
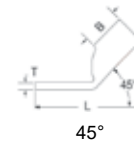
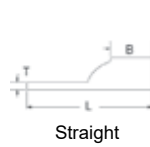
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions  
**Note:** All dimensions shown are for reference only.



# Compression Connections

Copper Compression — Code — One Hole  
Narrow Tongue, Standard Barrel

## TYPE YA-L-NT (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	Tongue Width	Figure Dimensions			Dieless	Installation Tooling (# of crimps)					Wire Strip Length	
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)		Mech. MD6, OUR840, MD734R	Hydraulic		Color Code	Die Index		
								500 Series	35, 750, 46° Series						
YA29LENT516	250 kcmil	127	5/16	0.76	1.06	0.16	2.49	MY29 Series (1) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W29VT (2)	X29RT (4)	U29RT (1)	Yellow	16	1-1/8	
YA29LENT38			3/8	0.76	1.06	0.16	2.96								
YA29LNT38			3/8	0.96	1.06	0.16	2.96								
YA30LNT14	300 kcmil	152	1/4	0.83	1.03	0.16	2.26	644 Series (1) 444 Series (1) 81K Series (2)	W30VT (2)	—	U30RT (2)	White	17	1-1/8	
YA30LNT38		150	3/8	0.96	1.03	0.16	2.97								
YA31LNT38	350 kcmil	177	3/8	0.96	1.06	0.18	3.31		W31VT (2)	—	U31RT (2)	Red	18	1-1/8	
YA31LNT12		185	1/2	0.88	1.06	0.18	2.75								
YA32LNT38	400 kcmil	203	3/8	0.96	1.19	0.20	3.21		W32VT (2)	—	U32RT (2)	Blue	19	1-1/4	
YA32LNT12			1/2	0.96	1.19	0.19	3.21								
YA34LNT38	500 kcmil	253	3/8	0.96	1.27	0.23	3.65		W34VT (2)	—	U34RT (2)	Brown	20	1-7/16	
YA34LNT12		240	1/2	0.96	1.27	0.23	3.65								
YA36LNT38	600 kcmil	304	3/8	1.12	1.38	0.27	4.09		—	—	U36RT (2)	Green	22	1-3/4	
YA36LNT12		300	1/2	1.00	1.38	0.27	3.29								
YA39LNT38	750 kcmil	355	3/8	1.12	1.42	0.27	4.24		81K Series (3)	—	—	U39RT (2)	Black	24	1-15/16
YA39LNT12			1/2	1.12	1.42	0.27	4.24								
YA39LNT58			5/8	1.30	1.42	0.27	3.67								

\* Use PUADP1 adapter with U dies in 46 Series

\*\* The MM<sup>2</sup> conductor size listed is for Class 2 and Class 5 conductor

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for FX connectors. For nest/indentor 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.



## TYPES YA, YA-TC

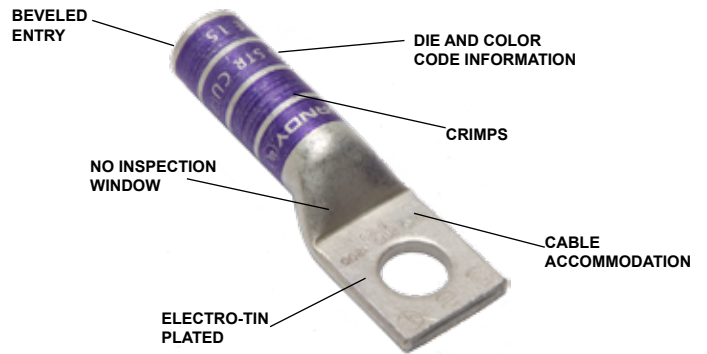
### HYLUG™

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
- 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



**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.

### 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

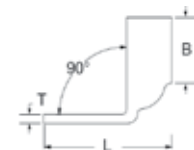
Straight



45°



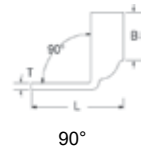
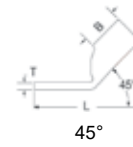
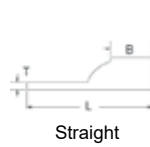
90°



# Compression Connections

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

## TYPES YA, YA-TC (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	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750 46** Series	Color Code	Die Index	
YA8CTC10	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 ↑ 10	#10	0.41	0.81	0.08	1.57	Y122CMR (2) MRC840 (2) MY29 Series (2) Y8MBR1 (1) Y1MRTC (2) 81K Series (1)	W8CVT (2) W8CRT (2) X8CRT (2)	X8CRT (2) W8CRT (2)	U8CRT (2)	Red	49	7/8
YA8CTC14			1/4	0.44	0.81	0.08	1.69							
YA8CTC38			3/8	0.58	0.81	0.06	1.88							
YA6CTC8	#6 AWG Sol./Str.	13.3	#8	0.42	1.12	0.09	1.83	Y122CMR (2) MRC840 (2) MY29 Series (2) Y1MRTC (2) 81K Series (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
YA6CTC10			#10	0.42	1.12	0.09	1.89							
YA6C			1/4	0.41	1.12	0.09	1.81							
YA6CN			1/2	0.83	1.12	0.12	2.64							
YA6CTC516			5/16	0.52	1.12	0.07	2.08							
YA6CTC38			3/8	0.58	1.12	0.06	2.21							
YA5C	#5 AWG	—	1/4	0.44	1.12	0.07	1.98	W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16	
YA5CN			1/2	0.83	1.12	0.12	2.67							
YA4CTC10	#4 AWG	21.2	#10	0.50	1.12	0.09	1.94	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16	
YA4C			1/4	0.50	1.12	0.09	1.87							
YA4CTC38			3/8	0.58	1.12	0.08	2.25							
YA4CN			1/2	0.83	1.12	0.12	2.69							
YA3CTC14	#3 AWG #2 Solid	26.7 25	1/4	0.55	1.25	0.09	2.23	Y1MRTC (4) Y122CMR (4) MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16
YA3C			5/16	0.55	1.25	0.09	2.30							
YA3CTC38			3/8	0.58	1.25	0.08	2.42							
YA3CN			1/2	0.83	1.25	0.12	2.86							
YA2CTC10	#2 AWG	33.6 35	#10	0.60	1.25	0.11	2.10	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16	
YA2CTC14			1/4	0.60	1.25	0.11	2.23							
YA2C			5/16	0.60	1.25	0.11	2.29							
YA2CTC38			3/8	0.60	1.25	0.11	2.41							
YA2CN			1/2	0.83	1.25	0.12	2.88							
YA1CTC10	#1 AWG	42.4 50	#10	0.68	1.38	0.10	2.27	Y1MR TC(4) MRC840 (2) MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11	1-7/16
YA1CTC14			1/4	0.68	1.38	0.10	2.39							
YA1C			5/16	0.68	1.38	0.10	2.45							
YA1CTC38			3/8	0.68	1.38	0.10	2.58							
YA1CN			1/2	0.83	1.38	0.12	3.06							

\* Use PUADP1 adapter with U dies in 46 Series

\*\* P-RT die sets for use in 46 Series only, PUADP1 adapter not required

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

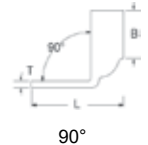
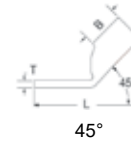
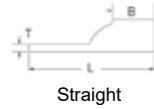
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color coded die recommendations for -FX connectors. For nest/indenter system contact factory

• 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, YA-TC (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	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length						
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750 46** Series	Color Code	Die Index							
YA25TC10	1/0 AWG	53.5	#10	0.75	1.38	0.12	2.30	MRC840 (4) MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25CABT (2)	Pink	12	1-7/16						
YA25			5/16	0.75	1.38	0.13	2.48													
YA25TC38			3/8	0.75	1.38	0.12	2.61													
YA25N			1/2	0.83	1.38	0.11	3.05													
YA26TC14	2/0 AWG	67.4 70	1/4	0.83	1.50	0.12	2.58	MRC840 (4) MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16						
YA26TC516			5/16	0.83	1.50	0.12	2.65													
YA26			3/8	0.83	1.50	0.12	2.77													
YA26N			1/2	0.83	1.50	0.12	3.21													
YA27	3/0 AWG	85	1/2	0.91	1.50	0.13	3.06	MRC840 (4) MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16						
YA28TC38	4/0 AWG	107	3/8	1.02	1.62	0.14	2.98													
YA28			1/2	1.02	1.62	0.14	3.23													
YA28N			1/2	1.02	1.62	0.14	3.41													
YA29	250 kcmil	127	1/2	1.11	1.62	0.16	3.26	MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16						
YA30	300 kcmil	152	1/2	1.20	2.00	0.16	3.69	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16						
YA30N		150	1/2	1.20	2.00	0.16	3.88													
YA31	350 kcmil	177 185	1/2	1.29	2.00	0.18	3.73								W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16
YA32N	400 kcmil	203	1/2	1.40	2.12	0.19	4.09								W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16
YA32			5/8	1.40	2.12	0.19	4.15													

\* Use PUADP1 adapter with U dies in 46 Series

\*\* P-RT die sets for use in 46 Series only, PUADP1 adapter not required

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 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

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

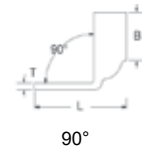
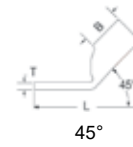
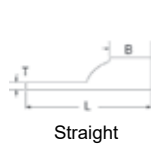
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions

Note: All dimensions shown are for reference only

# Compression Connections

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

## TYPES YA, YA-TC (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	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length																											
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46** Series	Color Code	Die Index																												
YA33N	450 kcmil	—	1/2	1.48	2.13	0.21	4.17	644 Series (1) 444 Series (1) 81K Series (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16																											
YA33		—	5/8	1.48	2.13	0.21	4.24																																		
YA34N	500 kcmil	253	1/2	1.55	2.25	0.23	4.32		W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (2)	Brown	20 or 299	2-5/16																											
YA34		240	5/8	1.55	2.25	0.23	4.39																																		
YA36N	600 kcmil	304	1/2	1.74	2.69	0.27	4.83		—	—	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4																											
YA36		300	5/8	1.74	2.69	0.27	4.90																																		
YA37N	650 kcmil	—	1/2	1.80	2.81	0.27	4.98		—	—	—	U37RT (4)	Orange	23	2-7/8																										
YA37			5/8	1.80	2.81	0.27	5.05																																		
YA38N	700 kcmil	355	1/2	1.84	2.81	0.27	5.01					—	—	—	U38RT (4)	Pink	400	2-7/8																							
YA38			5/8	1.84	2.81	0.27	5.07																																		
YA39N	750 kcmil	380	1/2	1.91	2.88	0.27	5.11								—	—	—	U39RT (4) P39RT (4)	Black	24	2-15/16																				
YA39			5/8	1.91	2.88	0.27	5.17																																		
YA40	800 kcmil	405 400	5/8	1.98	2.94	0.30	5.25											—	—	—	P40RT (4)	Orange	25	3																	
YA41N	850 kcmil	—	1/2	2.01	2.94	0.31	5.20																		—	—	—	—	Gold	26	3										
YA41			5/8	2.01	2.94	0.31	5.26																																		
YA44N	1000 kcmil	507 500	1/2	2.19	3.00	0.33	5.38														—	—	—	P44RT (4)				White	27	3-1/16											
YA44			5/8	2.19	3.00	0.33	5.45																																		
YA45	1250 kcmil	633	3/4	2.46	3.19	0.38	5.93																	—				—	—	P45RT (6)	Yellow	29	3-1/4								
YA46N	1500 kcmil	760	1/2	2.69	3.19	0.40	5.79																											—	—	—	P46RT (6)	Green	31	3-5/16	
YA46			3/4	2.69	3.19	0.40	6.04																																		
YA47N	1750 kcmil	887	1/2	2.90	3.44	0.42	6.13	—																						—	—	—	Gray				33	3-1/2			
YA47			3/4	2.90	3.44	0.42	6.38																																		
YA48N	2000 kcmil	1010	1/2	3.10	3.44	0.46	6.22																									—	—				—	—	Brown	34	3-1/2
YA48			3/4	3.10	3.44	0.46	6.47																																		

\* Use PUADP1 adapter with U dies in 46 Series

\*\* P-RT die sets for use in 46 Series only, PUADP1 adapter not required

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 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

• 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

## TYPE YAZ

### HYLUG™

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

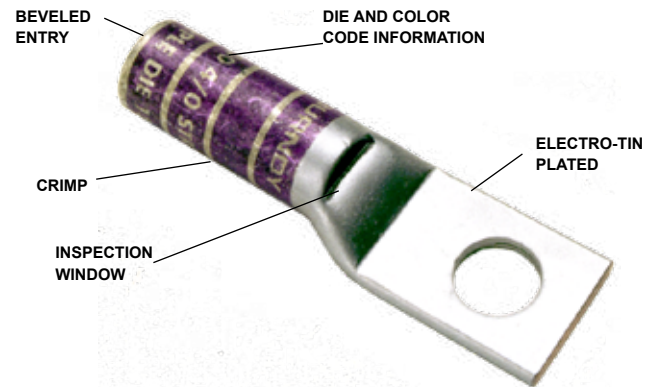
45° and 90° angles available. Please contact Customer Service to order:  
1-800-346-4175

### 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
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- 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.

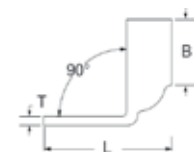
Straight



45°



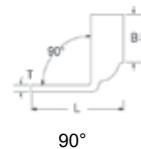
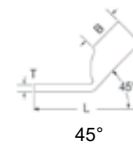
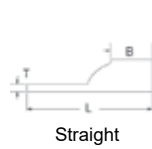
90°



# Compression Connections

Copper Compression — Code — One Hole  
Long Barrel — with Inspection Window

## TYPE YAZ (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	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length	
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index		
YAZV10TC14	#14-10 Str #12-10 Sol	5.26 6	1/4	0.41	0.69	0.05	1.52	MR20 (2) Y8MRB1 (2) Y122CMR (2)	—	—	—	—	—	—	3/4
YAZ8CTC10	#8 AWG	8.37 10	#10	0.41	0.75	0.08	1.43	Y122CMR (2) Y1MRTC (2) MY29 Series (2) MRC840 (2) 81K Series (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	13/16	
YAZ8CTC14	#8 Flex G,H,I,K,M DLO		1/4	0.44	0.75	0.08	1.56								
YAZ8CTC38			3/8	0.58	0.75	0.06	1.75								
YAZ6CTC10	#6 AWG Sol / Str	13.3	#10	0.42	1.12	0.09	1.89		W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	W5CVT (2) W5CRT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT (2)	Blue	7 or 374		
YAZ6CTC14			1/4	0.45	1.12	0.08	2.02								
YAZ6CTC38			3/8	0.58	1.12	0.06	2.21								
YAZ6CTC12			1/2	0.75	1.12	0.12	2.46								
YAZ5CTC12	#5 AWG	—	1/2	0.83	1.12	0.12	2.48		W5CVT (2) W5CRT (2) X5CRT (2)	W5CVT (2) X5CRT (2) W5CRT (2)	U5CRT (2)	Blue	7 or 374		1-3/16
YAZ4CTC14	#4 AWG	21.2	1/4	0.50	1.12	0.09	2.04		Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray		8 or 346
YAZ4CTC38			3/8	0.58	1.12	0.08	2.22								
YAZ4CTC12			1/2	0.73	1.12	0.06	2.50								
YAZ3CTC14	#3 AWG #2 Sol	26.7 25	1/4	0.55	1.25	0.09	2.19	Y122CMR** (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9		
YAZ3CTC38			3/8	0.58	1.25	0.08	2.38								
YAZ3CTC12			1/2	0.71	1.25	0.07	2.63								
YAZ2CTC14	#2 AWG	33.6 35	1/4	0.60	1.25	0.11	2.21		W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10		
YAZ2CTC516			5/16	0.60	1.25	0.11	2.27								
YAZ2CTC38			3/8	0.60	1.25	0.11	2.40								
YAZ2CTC12			1/2	0.73	1.25	0.09	2.65								
YAZ1CTC14	#1 AWG	42.4 50	1/4	0.68	1.38	0.10	2.37		W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11 or 375		
YAZ1CTC38			3/8	0.68	1.38	0.10	2.56								
YAZ1CTC12			1/2	0.73	1.38	0.09	2.81								

\* Use PUADP1 adapter with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

† The MM<sup>2</sup> conductor size listed is for Class 2 and Class 5 conductor

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

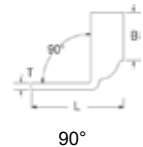
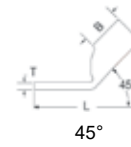
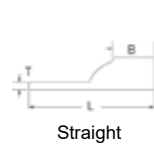
• Available undrilled. Add suffix U to catalog number (example: YA25U)

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

**Note:** All dimensions shown are for reference only



## TYPES YAZ (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	Tongue Width	Figure Dimensions			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YAZ25TC14	1/0 AWG	53.5	1/4	0.75	1.38	0.12	2.40	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W25RT (4) W25VT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16
YAZ25TC516			5/16	0.75	1.38	0.12	2.46							
YAZ25TC38			3/8	0.75	1.38	0.12	2.59							
YAZ25TC12			1/2	0.75	1.38	0.12	2.84							
YAZ26TC14	2/0 AWG	67.4 70	1/4	0.83	1.50	0.12	2.56		W26RT (4) W26VT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16
YAZ26TC38			3/8	0.83	1.50	0.12	2.75							
YAZ26TC12			1/2	0.83	1.50	0.12	3.00							
YAZ27TC38	3/0 AWG	85	3/8	0.90	1.50	0.12	2.79		W27RT (4) W27VT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16
YAZ27TC12			1/2	0.90	1.50	0.12	3.04							
YAZ28TC38	4/0 AWG	107	3/8	1.02	1.62	0.14	2.95		W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16
YAZ28TC12			1/2	1.02	1.62	0.14	3.20							
YAZ29TC38	250 kcmil	127	3/8	1.10	1.62	0.16	2.98		W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (6)	U29RT (2)	Yellow	16	1-11/16
YAZ29TC12			1/2	1.10	1.62	0.16	3.23							
YAZ30TC38	300 kcmil	152 150	3/8	1.20	2.00	0.16	3.41	W30VT (4)	W30VT (4) W30RT (4)	U30RT U28ART(4)	White	17 or 298	2-1/16	
YAZ30TC12			1/2	1.20	2.00	0.16	3.66							
YAZ31TC38	350 kcmil	177 185	3/8	1.29	2.00	0.18	3.44	W31VT (4)	W31VT (4) W31RT (4)	U31RT U29ART (4)	Red	18 or 324	2-1/16	
YAZ31TC12			1/2	1.29	2.00	0.18	3.69							
YAZ32TC38	400 kcmil	203	3/8	1.40	2.12	0.19	3.61	W32VT (4)	W32VT (4) W32RT (4)	U32RT U30ART (4)	Blue	19 or 470	2-3/16	
YAZ32TC12			1/2	1.40	2.12	0.19	3.86							
YAZ33TC12	450 kcmil	—	1/2	1.48	2.12	0.21	3.95	W33VT (4)	W33VT (4) W33RT (4)	W33RT (4)	Gray	326 or 538	2-5/16	
YAZ34TC38	500 kcmil	253 240	3/8	1.55	2.25	0.23	3.84							
YAZ34TC12			1/2	1.55	2.25	0.23	4.10	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART(2)	Brown	20 or 299	2-5/16	
YAZ35TC12	550 kcmil	—	1/2	1.65	2.62	0.25	4.50							—

\* Use PUADP1 adapter with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

† The MM<sup>2</sup> conductor size listed is for Class 2 and Class 5 conductor

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

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

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

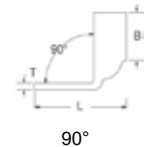
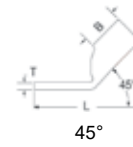
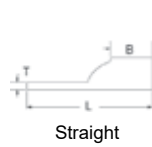
**Note:** All dimensions shown are for reference only



# Compression Connections

Copper Compression — Code — One Hole  
Long Barrel — with Inspection Window

## TYPE YAZ (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	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length				
	AWG	MM <sup>2</sup> ***			(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index			
YAZ36TC38	600 kcmil	304	3/8	1.74	2.69	0.26	4.54	644 Series (1) 444 Series (1) 81K Series (4)	—	—	U36RT (4)	Green	22 or 472	2-3/4			
YAZ36TC12		300	1/2	1.74	2.69	0.26	4.60				U32ART (4)						
YAZ37TC12	650 kcmil	—	1/2	1.80	2.81	0.27	4.75				U37RT (4)	Orange	23	2-7/8			
YAZ38TC12	700 kcmil	355	1/2	1.84	2.81	0.27	4.77				U38RT (4)	Pink	400	2-7/8			
YAZ39TC38	750 kcmil	380	3/8	1.91	2.88	0.27	4.81				U39RT (4) P39RT** (4)	Black	24	2-15/16			
YAZ39NT12			1/2	1.63	2.88	0.27	4.87										
YAZ39TC12			1/2	1.91	2.88	0.27	4.87										
YAZ40TC12	800 kcmil	405 400	1/2	1.98	2.94	0.30	4.94				—	Orange	25	3			
YAZ41TC12	850 kcmil	—	1/2	2.01	2.94	0.31	4.96				—	Gold	26	3			
YAZ44TC38	1000 kcmil	507	3/8	2.19	3.00	0.33	5.08				P44RT** (4)	White	27	3-1/16			
YAZ44TC12		500	1/2	2.19	3.00	0.33	5.14										
YAZ45TC12	1250 kcmil	633	1/2	2.46	3.19	0.38	5.43				—	—	—	P45RT** (6)	Yellow	29	3-1/4
YAZ453TC12	1300 kcmil	—	1/2	2.53	3.19	0.39	5.46							—	Orange	30	3-1/4
YAZ46TC12	1500 kcmil	760	1/2	2.69	3.19	0.40	5.53							P46RT** (6)	Green	31	3-1/4
YAZ47TC12	1750 kcmil	887	1/2	2.90	3.44	0.42	5.87	—	Gray	33				3-1/2			
YAZ48TC12	2000 kcmil	1010	1/2	3.10	3.44	0.46	5.95	—	—	—				—	Brown	34	3-1/2

\* Use PUADP1 adapter with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

† The MM<sup>2</sup> conductor size listed is for Class 2 and Class 5 conductor

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

• 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 YAV-2TC, YA-2LN, YA-L-2TC-

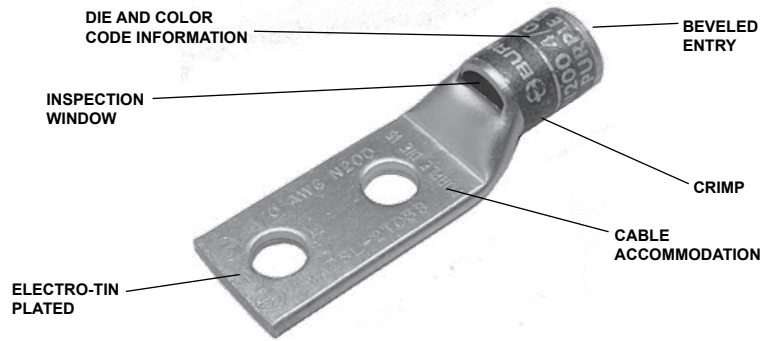
### HYLUG™

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



**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.

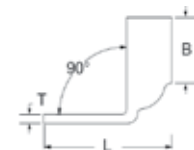
Straight



45°



90°



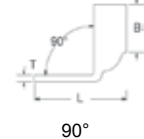
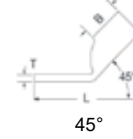
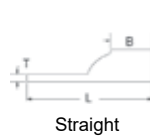
### Accessories

- 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

# Compression Connections

Copper Compression — Code — Two Hole  
Standard Barrel — with Inspection Window

## TYPES YAV-2TC, YA-2LN, YA-L-2TC- (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			Installation Tooling					Wire Strip Length	
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index
YAV102TC10	#14-10 Str. Sol.	5.26 6	#10	5/8"	0.36	0.38	0.06	1.72	MR20 (1) Y8MRB1 (1) Y122CMR (1)	—	—	—	—	—	7/16
YAV102TC10E2			#10	3/4"	0.36	0.38	0.06	1.84							
YAV102TC14			1/4	5/8"	0.41	0.38	0.05	1.84							
YAV102TC14E1			1/4	1"	0.41	0.38	0.05	2.22							
YAV102TC14E2			1/4	3/4"	0.41	0.38	0.05	1.97							
YAV102TC38			3/8	1"	0.56	0.38	0.04	2.40							
YA8CL2TC10	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 † 10	#10	5/8"	0.41	0.44	0.08	1.83	Y122CMR (1) Y1MRTC (1) Y8MRB1 (1) MY29 Series (1) MRC840 (1) 81K Series (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	7/16
YA8CL2TC10E2			#10	3/4"	0.41	0.44	0.08	1.95							
YA8CL2TC14			1/4	5/8"	0.44	0.44	0.08	1.95							
YA8CL2TC14E2			1/4	3/4"	0.44	0.44	0.08	2.08							
YA8CL2TC14E1			1/4	1"	0.44	0.44	0.08	2.33							
YA8CL2TC38			3/8	1"	0.58	0.44	0.06	2.52							
YA8C2LN			1/2	1-3/4"	0.83	0.44	0.12	3.75							
YA6C2L51	6 AWG Sol/Str	13.3	#10	1/2"	0.42	0.54	0.09	1.79	Y122CMR (1) Y1MRTC (1) Y8MRB1 (1) MY29 Series (1) MRC840 (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) U8CABT (1)	Blue	7 or 374	5/8
YA6CL2TC10			#10	5/8"	0.42	0.54	0.09	1.94							
YA6C2L52			1/4	1/2"	0.45	0.54	0.08	1.88							
YA6CL2TC14E			1/4	1/2"	0.45	0.54	0.08	1.94							
YA6C2L			1/4	5/8"	0.45	0.54	0.08	2.01							
YA6CL2TC14			1/4	5/8"	0.45	0.54	0.08	2.07							
YA6CL2TC14E2			1/4	3/4"	0.45	0.54	0.08	2.19							
YA6CL2TC14E1			1/4	1"	0.45	0.54	0.08	2.44							
YA6CL2TC516E2			5/16	3/4"	0.52	0.54	0.07	2.53							
YA6CL2TC516			5/16	1"	0.52	0.54	0.07	2.78							
YA6CL2TC38			3/8	1"	0.58	0.54	0.06	2.63							
YA6C2LN	1/2	1-3/4"	0.83	0.54	0.12	4.10									
YA5C2L	5 AWG	—	1/4	5/8"	0.44	0.81	0.07	2.28	Y122CMR (1) Y1MRTC (1) MY29 Series (1) MRC840 (1) 81K Series (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	W5CVT (1) W5CRT (1) X5CRT (1) X8CART (1)	U5CRT (1) U8CABT (1)	Blue	7 or 374	7/8
YA4C2L	4 AWG	21.2	1/4	5/8"	0.50	0.81	0.09	2.30	Y122CMR (2) Y1MRTC (2) MY29 Series (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8 or 346	7/8
YA4CL2TC14			1/4	5/8"	0.50	0.81	0.09	2.36							
YA4CL2TC14E2			1/4	3/4"	0.50	0.81	0.09	2.49							
YA4CL2TC14E1			1/4	1"	0.50	0.81	0.09	2.74							
YA4CL2TC516			5/16	1"	0.52	0.81	0.09	2.80							
YA4CL2TC38			3/8	1"	0.58	0.81	0.08	2.96							
YA4C2LN			1/2	1-3/4"	0.83	0.81	0.12	4.14							

-- Color code not assigned

\* Use PUADP1 adapter with U dies in 46 Series

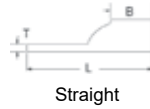
\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

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

Note: All dimensions shown are for reference only

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



Straight



45°



90°

**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			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA3CL2TC14	3 AWG #2 Sol.	26.7 25	1/4	5/8"	0.55	0.88	0.09	2.45	Y122CMR** (2) Y1MRTC (2) MY29 Series (1) MRC840 (1) 644 Series (1) 444 Series (1) 81K Series (1)	W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16
YA3C2L			5/16	5/8"	0.55	0.88	0.09	2.64							
YA3CL2TC38			3/8	1"	0.58	0.88	0.08	3.06							
YA2CL2TC14	#2 AWG	33.6 35	1/4	5/8"	0.60	0.88	0.11	2.47		W2CVT (1) W2CRT (1) X2CRT (1)	W2CVT (1) W2CRT (1) X2CRT (1)	U2CRT (1)	Brown	10	15/16
YA2CL2TC14E2			1/4	3/4"	0.60	0.88	0.11	2.60							
YA2CL2TC14E1			1/4	1"	0.60	0.88	0.11	2.85							
YA2C2L			5/16	3/4"	0.60	0.88	0.11	2.67							
YA2CL2TC516			5/16	1"	0.60	0.88	0.11	2.91							
YA2CL2TC38			3/8	1"	0.60	0.88	0.11	3.03							
YA2C2LN			1/2	1-3/4"	0.83	0.88	0.12	4.27							
YA1CL2TC14	1 AWG	42.4 50	1/4	5/8"	0.68	0.88	0.10	2.51		W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	W1CVT (1) W1CRT-1 (1) X1CRT-1 (1)	U1CRT-1 (1) U4CABT (1)	Green	11 or 375	15/16
YA1CL2TC14E2			1/4	3/4"	0.68	0.88	0.10	2.64							
YA1C2L			5/16	7/8"	0.68	0.88	0.10	2.82							
YA1CL2TC38			3/8	1"	0.68	0.88	0.10	3.07							
YA1C2LN			1/2	1-3/4"	0.83	0.88	0.12	4.32							
YA25L2TC14	1/0 AWG	53.5	1/4	5/8"	0.75	0.88	0.12	2.54	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12 or 348	15/16	
YA25L2TC14E2			1/4	3/4"	0.75	0.88	0.12	2.66							
YA25L2TC14E1			1/4	1"	0.75	0.88	0.12	2.91							
YA252L			5/16	7/8"	0.75	0.88	0.12	2.85							
YA25L2TC38			3/8	1"	0.75	0.88	0.12	3.10							
YA252LN	1/2	1-3/4"	0.83	0.88	0.11	4.29									
YA26L2TC14	2/0 AWG	67.4 70	1/4	5/8"	0.83	0.94	0.12	2.64	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1	
YA26L2TC14E2			1/4	3/4"	0.83	0.94	0.12	2.76							
YA26L2TC14E1			1/4	1"	0.83	0.94	0.12	3.01							
YA262L			5/16	7/8"	0.83	0.94	0.12	2.95							
YA26L2TC38			3/8	1"	0.83	0.94	0.12	3.20							
YA262LN	1/2	1-3/4"	0.83	0.94	0.12	4.39									
YA27L2TC14E2	3/0 AWG	85	1/4	3/4"	1.00	1.00	0.12	2.86	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16	
YA27L2TC38			3/8	1"	1.00	1.00	0.12	3.30							
YA272LN			1/2	1-3/4"	0.91	1.00	0.13	4.48							
YA28L2TC14E2	4/0 AWG	107	1/4	3/4"	1.02	0.88	0.14	2.78	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8	
YA28L2TC14E1			1/4	1"	1.02	0.88	0.14	3.03							
YA28L2NTC516			5/16	1-3/4"	1.02	0.88	0.14	3.84							
YA28L2TC38E2			3/8	3/4"	1.02	0.88	0.14	2.97							
YA28L2TC38			3/8	1"	1.02	0.88	0.14	3.22							
YA282LN	1/2	1-3/4"	1.02	0.88	0.14	4.41									
YA29L2TC38	250 kcmil	127	3/8	1.00"	1.10	1.06	0.16	3.43	W29VT (2) W29RT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8	
YA292LN			1/2	1-3/4"	1.10	1.06	0.16	4.62							

-- Color code not assigned

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

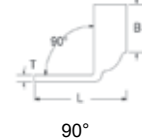
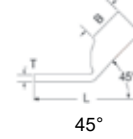
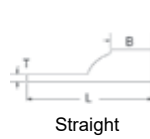
◆ For applications greater than 2000 volts consult cable manufacturer for voltage stress relief instructions

**Note:** All dimensions shown are for reference only

# Compression Connections

Copper Compression — Code — Two Hole Standard Barrel — with Inspection Window

## TYPES YAV-2TC, YA-2LN, YA-L-2TC- (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			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA30L2TC38	300 kcmil	152	3/8	1"	1.20	1.03	0.16	3.45	644 Series (1) 444 Series (1) 81K Series (1)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17 or 298	1
YA302LN		150	1/2	1-3/4"	1.20	1.03	0.16	4.63							
YA31L2TC14E2	350 kcmil	177	1/4	3/4"	1.29	1.06	0.18	3.07	644 Series (1) 444 Series (1) 81K Series (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18 or 324	1-1/8
YA31L2NTC516			5/16	1-3/4"	1.29	1.06	0.18	4.13							
YA31L2TC38		185	3/8	1"	1.29	1.06	0.18	3.51							
YA31L2TC12		1/2	1-1/4"	1.29	1.06	0.18	4.01								
YA312LN	400 kcmil	203	1/2	1-3/4"	1.29	1.06	0.18	4.70	644 Series (1) 444 Series (1) 81K Series (1)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19 or 470	1-1/4
YA322L			3/8	1"	1.40	1.19	0.19	3.75							
YA32L2TC38		3/8	1"	1.40	1.19	0.19	3.69								
YA32L2TC38E5		3/8	1-1/16"	1.40	1.19	0.19	3.75								
YA322LN	500 kcmil	253	1/2	1-3/4"	1.40	1.19	0.19	4.88	644 Series (1) 444 Series (1) 81K Series (1)	W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20 or 299	1-7/16
YA34L2TC14E2			1/4	3/4"	1.55	1.27	0.23	3.44							
YA342L		3/8	1"	1.55	1.27	0.23	3.94								
YA34L2TC38		240	3/8	1"	1.55	1.27	0.23	3.88							
YA34L2TC12	550 kcmil	—	1/2	1-1/4"	1.55	1.27	0.23	4.38	644 Series (1) 444 Series (1) 81K Series (1)	—	—	U35RT (2)	Yellow	21	1-3/4
YA342LN			1/2	1-3/4"	1.55	1.27	0.23	5.06							
YA352L	600 kcmil	304	3/8	1-1/8"	1.65	1.69	0.25	4.64	644 Series (1) 444 Series (1) 81K Series (1)	—	—	U36RT (2) U32ART (2)	Green	22 or 472	1-3/4
YA352LN			1/2	1-3/4"	1.65	1.69	0.25	5.51							
YA36L2TC38	650 kcmil	300	3/8	1"	1.74	1.38	0.27	4.23	644 Series (1) 444 Series (1) 81K Series (1)	—	—	U37RT (2)	Orange	23	1-15/16
YA362LN			1/2	1-3/4"	1.74	1.38	0.27	5.23							
YA372L	700 kcmil	355	3/8	1-1/8"	1.80	1.39	0.27	4.40	644 Series (1) 444 Series (1) 81K Series (1)	—	—	U38RT (2)	Pink	400	1-15/16
YA372LN			1/2	1-3/4"	1.80	1.39	0.27	5.27							
YA38L2TC38		3/8	1"	1.84	1.45	0.27	4.35								
YA382L		3/8	1-1/8"	1.84	1.45	0.27	4.48								
YA38L2TC12	750 kcmil	380	1/2	1-1/2"	1.84	1.45	0.27	4.67	644 Series (1) 444 Series (1) 81K Series (2)	—	—	U39RT (2) P39RT (2)	Black	24	1-15/16
YA382LN			1/2	1-3/4"	1.84	1.45	0.27	5.35							
YA39L2TC38	800 kcmil	405	3/8	1"	1.91	1.42	0.27	4.36	644 Series (1) 444 Series (1) 81K Series (2)	—	—	P40RT (3)	Orange	25	1-15/16
YA392L			3/8	1-1/8"	1.91	1.42	0.27	4.48							
YA39L2TC12E3		1/2	1-1/2"	1.91	1.42	0.27	4.92								
YA392LN		1/2	1-3/4"	1.91	1.42	0.27	5.36								
YA39L2TC58	850 kcmil	400	5/8	1-1/2"	1.91	1.42	0.27	5.17	644 Series (1) 444 Series (1) 81K Series (2)	—	—	P41D (1)** P44PR	Gold	26	1-15/16
YA40L2TC38			3/8	1"	1.98	1.42	0.30	4.37							
YA402L	1000 kcmil	507	3/8	1-1/8"	1.98	1.42	0.30	4.50	644 Series (1) 444 Series (1) 81K Series (2)	—	—	P44RT (3)	White	27	1-15/16
YA402LN			1/2	1-3/4"	1.98	1.42	0.30	5.38							
YA412L	500	500	3/8	1-1/8"	2.01	1.88	0.31	4.97	644 Series (1) 444 Series (1) 81K Series (2)	—	—	P44RT (3)	White	27	1-15/16
YA442L			1/2	1-1/4"	2.19	1.65	0.33	5.24							
YA44L2TC12			1/2	1-1/4"	2.19	1.65	0.33	5.05							
YA442LN	1/2	1-3/4"	2.19	1.65	0.33	5.74									

-- Color code not assigned

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

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

Note: All dimensions shown are for reference only

## TYPE YA-L-2NT

### HYLUG™

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

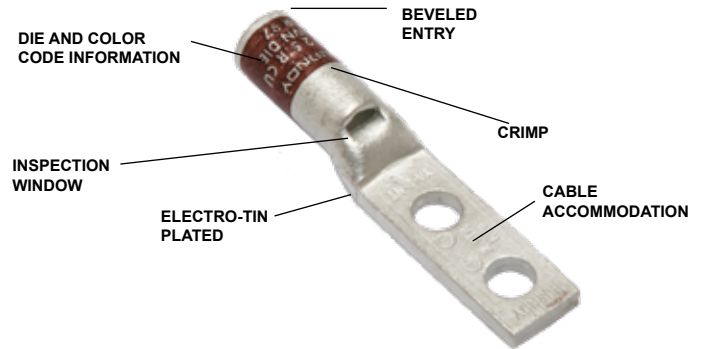
45° and 90° angles available. Please contact Customer Service to order:  
1-800-346-4175

### Features & Benefits

- Inspection window allows for visual verification that the wire has been fully inserted prior to crimping the lug
- Narrow tongue/tang is designed for limited space applications
- 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.

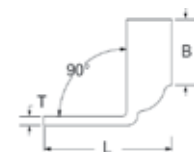
Straight



45°



90°

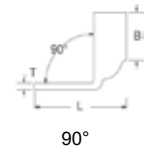
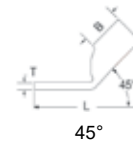
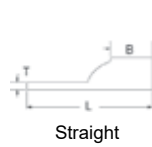




# Compression Connections

Copper Compression — Code — Two Hole  
Narrow Tongue, Standard Barrel — with Inspection Window

## TYPE YA-L-2NT (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			Installation Tooling					Wire Strip Length							
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46° Series	Color Code		Die Index						
YA2CL2NT14	#2 AWG	33.6 35	1/4	5/8"	0.48	0.88	0.11	2.47	Y122CMR** (1) MRC840 (1) MY29 Series (1) 644 Series (1) 444 Series (1) Y1MRTC (2) 81K Series (1)	W2CVT (1)	W2CVT (1)	U2CRT (1)	Brown	10	15/16						
YA2CL2NT14E2			1/4	1/4"	0.48	0.88	0.11	2.60													
YA2CL2NT14E1			1/4	1"	0.48	0.88	0.11	2.84													
YA1CL2NT14	#1 AWG	42.4 50	1/4	5/8"	0.50	0.88	0.11	2.55	W1CVT (1)	W1CRT1 (1)	U1CRT1 (1)	Green	11	15/16							
YA1CL2NT14E2			1/4	3/4"	0.50	0.88	0.10	2.68													
YA25L2NT14	1/0 AWG	53.5	1/4	5/8"	0.48	0.88	0.12	2.56	MRC840 (2) MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (2)	W25VT (2)	U25RT (1)	Pink	12	15/16						
YA25L2NT14E1	1/4	1"	0.48	0.88	0.12	3.28															
YA26L2NT14	2/0 AWG	67.4 70	1/4	5/8"	0.48	0.94	0.12	2.66													
YA26L2NT14E1			1/4	1"	0.48	0.94	0.12	3.03													
YA27L2NT14	3/0 AWG	85	1/4	5/8"	0.76	1.00	0.13	2.73													
YA27L2NT38			3/8	1"	0.60	1.00	0.13	3.30													
YA27L2NT516			5/16	1"	0.60	1.00	0.13	3.26													
YA28L2NT14	4/0 AWG	107	1/4	5/8"	0.76	0.88	0.13	2.65								W28RT (2)	W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/16
YA29L2NT38	3/8	1"	0.80	1.00	0.16	3.43															
YA29L2NT38E16	250 kcmil	127	3/8	1-3/4"	0.80	1.06	0.16	4.18								MY29 Series (1) 644 Series (1) 444 Series (1) 81K Series (1)	W29VT (2) X29RT (2)	W29VT (2) W29RT (2) X29RT (2)	U29RT (1)	Yellow	16
YA31L2NT38	350 kcmil	177 185	3/8	1"	0.96	1.06	0.18	3.51	644 Series (1) 444 Series (1) 81K Series (1)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (1) U29ART (2)	Red	18	1-1/8						
YA31L2NT38E16			3/8	1-3/4"	0.88	1.06	0.18	4.26													
YA34L2NT38	500 kcmil	253 240	3/8	1"	0.96	1.27	0.23	3.65													
YA34L2NT38E16			3/8	1-3/4"	0.96	1.27	0.23	4.63													
YA34L2NT12E1			1/2	1"	0.96	1.27	0.23	4.13													
YA36L2NNT	600 kcmil	304 300	1/2	1-3/4"	1.12	1.38	0.27	5.43	644 Series (1) 444 Series (1) 81K Series (1)	—	—	U36RT (2)	Green	472	1-3/4						
YA39L2NT38	3/8	1"	1.63	1.42	0.27	4.34															
YA39L2NT38E16	750 kcmil	380	3/8	1-3/4"	1.30	1.42	0.27	5.11	—	—	U39RT (2)	Black	24	1-1/2							
YA39L2NT12E1			1/2	1"	1.30	1.42	0.27	4.42													
YA44L2NTC12E24	1000 kcmil	507 500	1/2	1.85	1.63	1.65	0.33	5.65	644 Series (1) 444 Series (1) 81K Series (2)	—	—	P44RT (3)	White	27	1-15/16						

\* Use PUADP1 adapter with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor.

**Note:** All dimensions shown are for reference only.



## TYPES YA-2N, YA-2TC

### HYLUG™

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

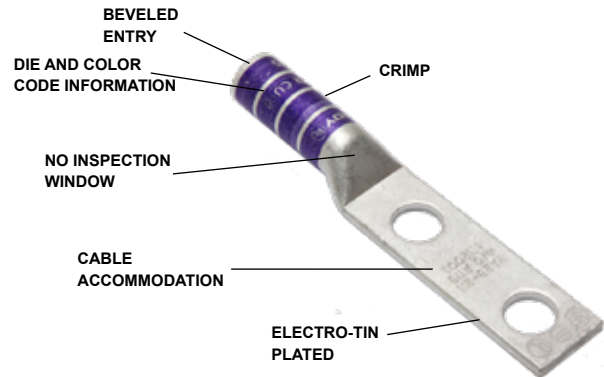
45° and 90° angles available. Please contact Customer Service to order:  
1-800-346-4175

### Features & Benefits

- 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.

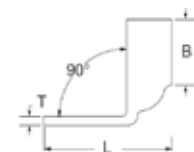
Straight



45°



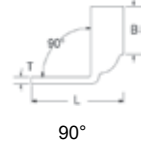
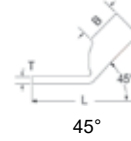
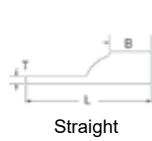
90°



# Compression Connections

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

## TYPES YA-2N, YA-2TC (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			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA8C2TC14	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 † 10	1/4	5/8"	0.44	0.81	0.08	2.33	Y8MRB1 (2) Y1MRTC MY29 Series (2) MRC840 (2) 81K Series (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							
YA8C2N			1/2	1-3/4"	0.83	0.81	0.12	4.08							
YA6C2TC14	#6 AWG Sol□/Str	13.3	1/4	5/8"	0.45	1.12	0.08	2.65	Y1MRTC (2) MY29 Series (2) MRC840 (2) 81K Series (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	MY29 Series (2) MRC840 (2) 81K Series (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) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (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) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W3CVT (2) W3CRT (2)	W3CVT (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) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (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							
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 PUADP1 adaptor with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

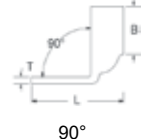
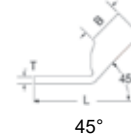
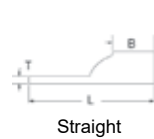
† The MM<sup>2</sup> conductor size listed here is for Class 2 and Class 5 conductor

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

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

**Note:** All dimensions shown are for reference only

## TYPES YA-2N, YA-2TC (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			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA252TC14	1/0 AWG	53.5	1/4	5/8"	0.75	1.38	0.12	3.05	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (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	1/2	1-3/4"	0.83	1.38	0.11	4.81									
YA262TC14	2/0 AWG	67.4 70	1/4	5/8"	0.83	1.50	0.12	3.22		W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16
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		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		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	MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (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	644 Series (1) 444 Series (1) 81K Series (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	644 Series (1) 444 Series (1) 81K Series (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	644 Series (1) 444 Series (1) 81K Series (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	644 Series (1) 444 Series (1) 81K Series (4)	W33VT (4)	W33VT (4) W33RT (4)	U33RT (4)	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		—	—	U35RT (4) U36RT (4) U32ART (4)	Yellow Green	21 22 or 472	2-11/16 2-3/4
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 PUADP1 adaptor with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

† The MM<sup>2</sup> conductor size listed here is for Class 2 and Class 5 conductor

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

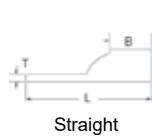
Available undrilled. Add suffix U to catalog number (example: YA25U)

**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 (Continued)



Straight



45°



90°

**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			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA372N	650 kcmil	—	1/2	1-3/4"	1.80	2.81	0.27	6.74	644 Series (1) 444 Series (1) 81K Series (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
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				P40RT (4)	Orange	25	3
YA402N	800 kcmil	405 400	1/2	1-3/4"	1.98	2.94	0.30	6.95				P41D (2)** P44PR	Gold	26	3
YA412N	850 kcmil	—	1/2	1-3/4"	2.01	2.94	0.31	6.96				P44RT (4)	White	27	3-1/16
YA442TC38	1000 kcmil	507	3/8	1"	2.19	3.00	0.33	6.14				P44RT (4)	White	27	3-1/16
YA442N	1000 kcmil	500	1/2	1-3/4"	2.19	3.00	0.32	7.14				P45RT (6)	Yellow	29	3-1/4
YA452N	1250 kcmil	633	1/2	1-3/4"	2.46	3.19	0.38	7.44				—	Orange	30	3-1/4
YA4532N	1300 kcmil	—	1/2	1-3/4"	2.53	3.19	0.39	7.48	—	—	—	P46RT (6)	Green	31	3-1/4
YA462N	1500 kcmil	760	1/2	1-3/4"	2.69	3.19	0.40	7.55				—	Gray	33	3-1/2
YA472N	1750 kcmil	887	1/2	1-3/4"	2.90	3.44	0.42	7.89				—	Brown	34	3-1/2
YA482N	2000 kcmil	1010	1/2	1-3/4"	3.10	3.44	0.46	7.98							

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

\* Use PUADP1 adaptor with U dies in 46 Series

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

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

† The MM<sup>2</sup> conductor size listed here is for Class 2 and Class 5 conductor

□ 644 Series tooling not for use on 6 AWG Sol.

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

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

**Note:** All dimensions shown are for reference only

## TYPE YA-2NT

### HYLUG™

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

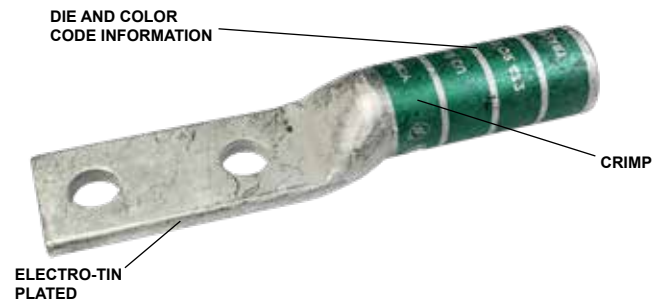
45° and 90° angles available. Please contact Customer Service to order:  
1-800-346-4175

### Features & Benefits

- No inspection window is ideal for more corrosive environments as the barrel transition is not open
- Narrow tongue/tang is designed for limited space applications
- 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.

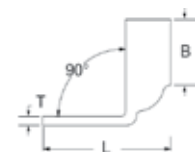
Straight



45°



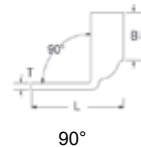
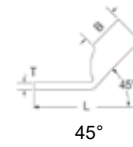
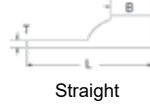
90°



# Compression Connections

Copper Compression — Code — Two Hole  
Narrow Tongue, Long Barrel — No Inspection Window

## TYPE YA-2NT (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			▲ Installation Tooling						Wire Strip Length
	AWG	*** MM <sup>2</sup>				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA8C2NT8	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 10	#8	5/8"	0.33"	0.81"	0.09"	2.14"	Y122CMR (2) Y1MRTC (2) MY29 Series (2) MRC840 (2) 81K Series (1)	W8CRT (2) W8CVT (2) X8CRT (2)	W8CRT (2) W8CVT (2) X8CRT (2)	U8CRT (1)	Red	49	7/8"
YA6C2NT8	#6 AWG Sol□/Str	13.3	#8	5/8"	0.33"	0.81"	0.09"	2.14"	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W5CRT (2) W5CVT (2) X5CRT (2) X8CART (2)	W5CRT (2) W5CVT (2) X5CRT (2) X8CART (2)	U5CRT (2) U8CABT(2)	Blue	7 or 374	1-3/16"
YA4C2NT10	#4 AWG	21.2	#10	5/8"	0.33"	1.12"	0.09"	2.47"	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (1)	W4CVT (2) W4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Black	8 or 346	1-3/16"
YA4C2NT14			1/4"	5/8"	0.49"	1.12"	0.09"	2.70"							
YA2C2NT14	#2 AWG	33.6 35	1/4"	5/8"	0.48"	1.25"	0.11"	2.86"	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (1)	Brown	10	1-5/16"
YA2C2NT14E2			1/4"	3/4"	0.75"	1.25"	0.11"	2.99"							
YA2C2NT14E1			1/4"	1"	0.60"	1.00"	0.13"	3.26"							
YA1C2NT10	#1 AWG	42.4 50	#10	5/8"	0.50"	1.38"	0.10"	2.90"	Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11 or 375	1-7/16"
YA1C2NT14			1/4"	5/8"	0.50"	1.38"	0.10"	3.03"							
YA1C2NT14E2			1/4"	3/4"	0.75"	1.38"	0.10"	3.15"							
YA1C2TC38			3/8"	1"	0.60"	1.38"	0.10"	3.59"							
YA1C2N			1/2"	1-3/4"	0.83"	1.38"	0.12"	4.82"							

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

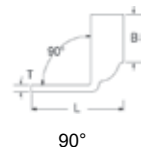
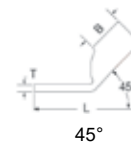
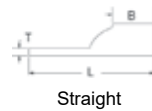
▲ See tooling section of this catalog for complete tool and die listings. Use ONLY color-coded die recommendations for -FX connectors. For nest/indenter system contact factory.

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

Note: All dimensions shown are for reference only.



## TYPE YA-2NT (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			▲ Installation Tooling						Wire Strip Length
	AWG	*** MM <sup>2</sup>				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YA252NT14	1/0 AWG	53.5	1/4"	5/8"	0.48"	1.38"	0.09"	3.05"	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (1)	W25VT (4) W25RT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25CRT (2) U2CABT (2)	Pink	12	1-7/16"
YA252NT14E1			1/4"	1"	0.48"	1.38"	0.09"	3.05"							
YA252NT38			3/8"	1"	0.48"	1.38"	0.09"	3.05"							
YA262NT14	2/0 AWG	67.4 70	1/4"	5/8"	0.48"	1.50"	0.12"	3.22"	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W26VT (4) W26RT (4) X26RT (4)	W26VT (4) W26RT (4) X26RT (4)	U26RT (2)	Black	13	1-9/16"
YA262NT14E1			1/4"	1"	0.48"	1.50"	0.12"	3.59"							
YA262NT516			5/16"	1"	0.52"	1.50"	0.13"	3.66"							
YA262NT38			3/8"	1"	0.62"	1.50"	0.13"	3.78"							
YA272NT14	3/0 AWG	85	1/4"	5/8"	0.60"	1.50"	0.13"	3.26"	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16"
YA272NT516			5/16"	1"	0.60"	1.50"	0.13"	3.70"							
YA272NT38			3/8"	1"	0.76"	1.50"	0.13"	3.82"							
YA282NT14	4/0 AWG	107	1/4"	5/8"	0.76"	1.62"	0.14"	3.42"	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16"
YA282NT516			5/16"	1"	0.76"	1.62"	0.14"	3.86"							
YA282NT38			3/8"	1"	0.76"	1.62"	0.10"	3.99"							
YA292NT14	250 kcmil	127	1/4"	5/8"	0.76"	1.62"	0.16"	3.49"	MY29 Series (2) 644 Series (1) 444 Series (1) 81K Series (2)	W29VT (4) X29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16"
YA292NT516			5/16"	1"	0.76"	1.62"	0.16"	3.90"							
YA292NT38			3/8"	1"	0.76"	1.62"	0.16"	4.02"							
YA292NT38E16			3/8"	1-3/4"	0.76"	1.62"	0.16"	4.77"							
YA292NNT			1/2"	1-3/4"	0.96"	1.62"	0.16"	5.21"							
YA302NT38	300 kcmil	152 150	3/8"	1"	0.52"	2.00"	0.13"	3.66"	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16"

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

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

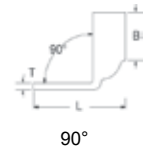
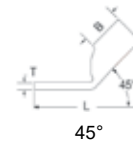
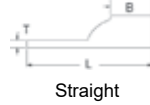
**Note:** All dimensions shown are for reference only.



# Compression Connections

Copper Compression — Code — Two Hole  
Narrow Tongue, Long Barrel — No Inspection Window

## TYPE YA-2NT (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			▲ Installation Tooling					Wire Strip Length	
	AWG	*** MM <sup>2</sup>				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index
YA312NT38	350 kcmil	177 185	3/8"	1"	0.96"	2.00"	0.18"	4.48"	644 Series (1) 444 Series (1) 81K Series (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16"
YA312NT38E16			3/8"	1-3/4"	0.96"	2.00"	0.18"	5.24"							
YA322NT38	400 kcmil	203	3/8"	1"	0.96"	2.12"	0.19"	4.66"	644 Series (1) 444 Series (1) 81K Series (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16"
YA322NNT			1/2"	1-3/4"	0.96"	2.00"	0.18"	5.24"							
YA342NT38	500 kcmil	253 240	3/8"	1"	0.96"	2.25"	0.23"	4.90"	644 Series (1) 444 Series (1) 81K Series (4)	W34VT (4)	W34VT (4) W34RT (4)	U34RT (4) U31ART (2)	Brown	20 or 299	2-5/16"
YA342NT38E16			3/8"	1-3/4"	0.96"	2.25"	0.23"	4.90"							
YA342NNT			1/2"	1-3/4"	0.76"	2.25"	0.23"	6.08"							
YA342NT58			5/8"	1-3/4"	1.29"	2.25"	0.23"	6.15"							
YA362NT38	600 kcmil	304 300	3/8"	1-3/4"	1.12"	2.69"	0.26"	6.59"	644 Series (1) 444 Series (1) 81K Series (4)	-	-	U36RT (4) U32ART (4)	Green	22 or 472	2-3/4"
YA362NNT			1/2"	1-3/4"	1.47"	2.69"	0.27"	6.59"							
YA362NT12			1/2"	1-3/4"	1.12"	2.69"	0.26"	6.59"							
YA392NT38	750 kcmil	380	3/8"	1"	1.12"	2.88"	0.16"	5.87"	644 Series (1) 444 Series (1) 81K Series (4)	-	-	U39RT (4) P39RT (4)	Black	24	2-15/16"
YA392NT38E16			3/8"	1-3/4"	1.12"	2.88"	0.16"	6.43"							
YA392NNT			1/2"	1-3/4"	1.63"	2.88"	0.26"	6.87"							
YA392ENNT			1/2"	1-3/4"	1.30"	2.88"	0.26"	6.87"							
YA392NT58			5/8"	1-3/4"	1.30"	2.88"	0.26"	6.93"							

\* Use PUADP1 adapter with U dies in 46 Series

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▲ 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.

## TYPES YAZ-2N, YAZ-2TC

### HYLUG™

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

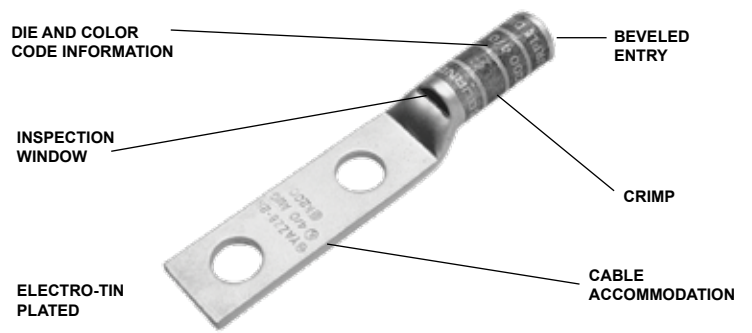
45° and 90° angles available. Please contact Customer Service to order:  
1-800-346-4175

### 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
- 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



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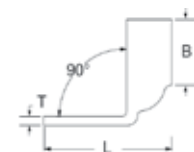
Straight



45°



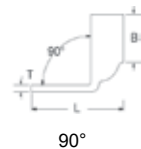
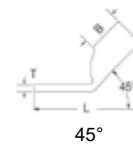
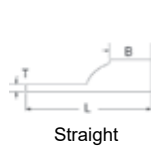
90°



# Compression Connections

Copper Compression — Code — Two Hole  
Long Barrel — with Inspection Window

## TYPES YAZ-2N, YAZ-2TC (Continued)



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Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Installation Tooling					Wire Strip Length							
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code		Die Index						
YAZV102TC14	14-10 AWG	5.26	1/4	5/8"	0.41	0.69	0.05	2.16	MR20 (2) Y8MRB1 (2) Y122CMR (2)	—	—	—	—	—	3/4						
YAZV102TC14E2			1/4	3/4"	0.41	0.69	0.05	2.28	—	—	—	—	—	—	—						
YAZ8C2TC10	#8 AWG #8 Flex G,H,I,K,M DLO	8.37 † 10	#10	5/8"	0.41	0.75	0.08	2.07	Y122CMR (2) Y1MRTC (2) Y8MRB1 (2) MY29 Series (2) MRC840 (2) 81K Series (1)	W8CVT (2) W8CRT (2) X8CRT (2)	W8CVT (2) W8CRT (2) X8CRT (2)	U8CRT (2)	Red	49	7/8						
YAZ8C2TC10E2			#10	3/4"	0.41	0.75	0.08	2.19	—							—	—	—	—	—	
YAZ8C2TC14			1/4	5/8"	0.44	0.75	0.08	2.19	—							—	—	—	—	—	—
YAZ8C2TC14E2			1/4	3/4"	0.44	0.75	0.08	2.32	—							—	—	—	—	—	—
YAZ8C2TC14E1			1/4	1"	0.44	0.75	0.08	2.57	—							—	—	—	—	—	—
YAZ8C2TC38			3/8	1"	0.58	0.75	0.06	2.76	—							—	—	—	—	—	—
YAZ6C2TC10E2	#6 AWG Sol/Str	13.3	#10	3/4"	0.42	1.12	0.09	2.65	Y122CMR (2) MY29 Series (2) MRC840 (2) Y1MRTC (2) 81K Series (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						
YAZ6C2TC14			1/4	5/8"	0.45	1.12	0.08	2.65								—	—	—	—	—	—
YAZ6C2TC14E2			1/4	3/4"	0.45	1.12	0.08	2.78								—	—	—	—	—	—
YAZ6C2TC14E1			1/4	1"	0.45	1.12	0.08	3.03								—	—	—	—	—	—
YAZ6C2TC38E2			3/8	3/4"	0.58	1.12	0.06	2.97								—	—	—	—	—	—
YAZ6C2TC38E6			3/8	7/8"	0.58	1.12	0.06	3.09								—	—	—	—	—	—
YAZ6C2TC38			3/8	1"	0.58	1.12	0.06	3.22								—	—	—	—	—	—
YAZ6C2TC38E16			3/8	1-3/4"	0.58	1.12	0.06	3.97								—	—	—	—	—	—
YAZ6C2N	1/2	1-3/4"	0.83	1.12	0.12	4.40	—	—	—	—	—	—									
YAZ5C2N	#5 AWG	—	1/2	1-3/4"	0.83	1.12	0.12	4.43	W5CRT (2) W5CVT (2) X5CRT (2)	W5CVT (2) W5CRT (2) X5CRT (2)	U5CRT (2)	Blue	7 or 374	1-3/16							
YAZ4C2TC10E2	#4 AWG	21.2	#10	3/4"	0.50	1.12	0.09	2.67	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W4CVT (2) X4CRT (2) X4CRT (2)	W4CVT (2) W4CRT (2) X4CRT (2)	U4CRT (2) U6CABT (2)	Gray	8 or 346	1-3/16						
YAZ4C2TC14			1/4	5/8"	0.50	1.12	0.09	2.67								—	—	—	—	—	
YAZ4C2TC14E2			1/4	3/4"	0.50	1.12	0.09	2.80								—	—	—	—	—	
YAZ4C2TC38			3/8	1"	0.58	1.12	0.08	3.23								—	—	—	—	—	
YAZ4C2N			1/2	1-3/4"	0.83	1.12	0.12	4.45								—	—	—	—	—	
YAZ3C2TC14	#3 AWG #2 Sol	26.7 25	1/4	5/8"	0.55	1.25	0.09	2.83	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W3CRT (2)	W3CRT (2)	U3CRT (2)	White	9	1-5/16						
YAZ3C2TC14E2			1/4	3/4"	0.55	1.25	0.09	2.95								—	—	—	—	—	
YAZ3C2TC38E2			3/8	3/4"	0.58	1.25	0.08	3.14								—	—	—	—	—	
YAZ3C2TC38			3/8	1"	0.58	1.25	0.08	3.39								—	—	—	—	—	
YAZ3C2N	1/2	1-3/4"	0.83	1.25	0.12	4.62	—	—	—	—	—										
YAZ2C2TC10E2	#2 AWG	33.6 35	#10	3/4"	0.60	1.25	0.11	2.85	Y122CMR (4) Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W2CVT (2) W2CRT (2) X2CRT (2)	W2CVT (2) W2CRT (2) X2CRT (2)	U2CRT (2)	Brown	10	1-5/16						
YAZ2C2TC14			1/4	5/8"	0.60	1.25	0.11	2.85								—	—	—	—	—	
YAZ2C2TC14E2			1/4	3/4"	0.60	1.25	0.11	2.97								—	—	—	—	—	
YAZ2C2TC14E1			1/4	1"	0.60	1.25	0.11	3.22								—	—	—	—	—	
YAZ2C2TC516E7			5/16	.63	0.60	1.25	0.11	2.91								—	—	—	—	—	
YAZ2C2TC516E2			5/16	3/4"	0.60	1.25	0.11	3.03								—	—	—	—	—	
YAZ2C2TC38E2			3/8	3/4"	0.60	1.25	0.11	3.16								—	—	—	—	—	
YAZ2C2TC38E6			3/8	7/8"	0.60	1.25	0.11	3.28								—	—	—	—	—	
YAZ2C2TC38			3/8	1"	0.60	1.25	0.11	3.41								—	—	—	—	—	
YAZ2C2NTC38			3/8	1-3/4"	0.60	1.25	0.11	4.16								—	—	—	—	—	
YAZ2C2N			1/2	1-3/4"	0.83	1.25	0.12	4.64								—	—	—	—	—	

\* Use PUADP1 adapter with U dies in 46 Series

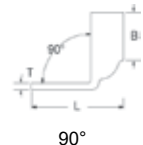
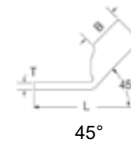
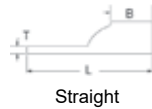
\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

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

Note: All dimensions shown are for reference only.

## TYPES YAZ-2N, YAZ-2TC (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			Installation Tooling						Wire Strip Length
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index	
YAZ1C2TC14	#1 AWG	42.4 50	1/4	5/8"	0.67	1.38	0.10	3.01	Y1MRTC (4) MY29 Series (2) MRC840 (2) 644 Series (1) 444 Series (1) 81K Series (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	W1CVT (2) W1CRT1 (2) X1CRT1 (2)	U1CRT1 (2) U4CABT (2)	Green	11 or 375	1-7/16
YAZ1C2TC14E2			1/4	3/4"	0.67	1.38	0.10	3.13							
YAZ1C2TC38			3/8	1"	0.67	1.38	0.10	3.57							
YAZ1C2N			1/2	1-3/4"	0.83	1.38	0.12	4.82							
YAZ252TC14	1/0 AWG	53.5	1/4	5/8"	0.75	1.38	0.12	3.04	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W25RT (4) W25VT (4) X25RT (4)	W25VT (4) W25RT (4) X25RT (4)	U25RT (2) U2CABT (2)	Pink	12 or 348	1-7/16
YAZ252TC14E2			1/4	3/4"	0.75	1.38	0.12	3.16							
YAZ252TC14E1			1/4	1"	0.75	1.38	0.12	3.41							
YAZ252TC14E3			1/4	1.00	0.75	1.38	0.12	3.42							
YAZ252TC516E6			5/16	7/8"	0.75	1.38	0.12	3.35							
YAZ252TC516			5/16	1"	0.75	1.38	0.12	3.47							
YAZ252TC38			3/8	1"	0.75	1.38	0.12	3.60							
YAZ252NTC38			3/8	1-3/4"	0.75	1.38	0.12	4.35							
YAZ252N			1/2	1-3/4"	0.83	1.38	0.11	4.79							
YAZ262TC14			2/0 AWG	67.4 70	1/4	5/8"	0.83	1.50							
YAZ262TC14E2	1/4	3/4"			0.83	1.50	0.12	3.32							
YAZ262TC14E1	1/4	1.00			0.83	1.50	0.12	3.57							
YAZ262TC38	3/8	1"			0.83	1.50	0.12	3.76							
YAZ262TC38E16	3/8	1-3/4"			0.83	1.50	0.12	4.51							
YAZ262N	1/2	1-3/4"			0.83	1.50	0.12	4.95							
YAZ272TC14E2	3/0 AWG	85	1/4	3/4"	0.90	1.50	0.12	3.36	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W27VT (4) W27RT (4) X27RT (6)	W27VT (4) W27RT (4) X27RT (6)	U27RT (2)	Orange	14	1-9/16
YAZ272TC38			3/8	1"	0.90	1.50	0.12	3.80							
YAZ272N			1/2	1-3/4"	0.91	1.50	0.12	4.98							
YAZ282TC14E2	4/0 AWG	107	1/4	3/4"	1.02	1.62	0.14	3.55	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W28VT (4) W28RT (4) X28RT (6)	W28VT (4) W28RT (4) X28RT (6)	U28RT (2)	Purple	15	1-11/16
YAZ282TC38			3/8	1"	1.02	1.62	0.14	3.99							
YAZ282NTC38			3/8	1-3/4"	1.02	1.62	0.14	4.74							
YAZ282N			1/2	1-3/4"	1.02	1.62	0.14	5.15							
YAZ292TC38	250 kcmil	127	3/8	1"	1.10	1.62	0.14	3.99	MY29 Series (2) MRC840 (4) 644 Series (1) 444 Series (1) 81K Series (2)	W29VT (4) W29RT (8)	W29VT (4) W29RT (4) X29RT (8)	U29RT (2)	Yellow	16	1-11/16
YAZ292N			1/2	1-3/4"	1.10	1.62	0.16	5.18							
YAZ302TC38	300 kcmil	152 150	3/8	1"	1.20	2.00	0.16	4.42	644 Series (1) 444 Series (1) 81K Series (3)	W30VT (4)	W30VT (4) W30RT (4)	U30RT (4) U28ART (4)	White	17 or 298	2-1/16
YAZ302N			1/2	1-3/4"	1.20	2.00	0.16	5.60							
YAZ312TC14E2	350 kcmil	177 185	1/4	3/4"	1.29	2.00	0.18	4.02	644 Series (1) 444 Series (1) 81K Series (3)	W31VT (4)	W31VT (4) W31RT (4)	U31RT (4) U29ART (4)	Red	18 or 324	2-1/16
YAZ312TC38			3/8	1"	1.29	2.00	0.18	4.45							
YAZ312N			1/2	1-3/4"	1.29	2.00	0.18	5.64							
YAZ322TC38	400 kcmil	203	3/8	1"	1.40	2.12	0.19	4.62	644 Series (1) 444 Series (1) 81K Series (3)	W32VT (4)	W32VT (4) W32RT (4)	U32RT (4) U30ART (4)	Blue	19 or 470	2-3/16
YAZ322N			1/2	1-3/4"	1.40	2.12	0.19	5.81							

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

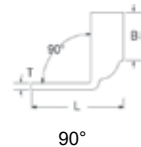
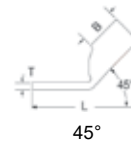
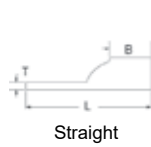
◆ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

**Note:** All dimensions shown are for reference only.

# Compression Connections

Copper Compression — Code — Two Hole  
Long Barrel — with Inspection Window

## TYPES YAZ-2N, YAZ-2TC (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			Installation Tooling						Wire Strip Length	
	AWG	MM <sup>2</sup> ***				(B)	(T)	(L)	Dieless (# of crimps)	MD6, OUR840, MD734R	500 Series	35, 750, 46* Series	Color Code	Die Index		
YAZ332N	450 kcmil	—	1/2	1-3/4	1.48	2.12	0.21	5.89	644 Series (1) 444 Series (1) 81K Series (4)	W33VT (4)	W33RT (4)	U33RT (4)	Gray	326 or 538	2-5/16	
YAZ342TC14E2	500 kcmil	253	1/4	3/4"	1.55	2.25	0.23	4.42		W34VT (4)	W34RT (4)	U34RT (4)	U31ART (4)	Brown	20 or 299	2-5/16
YAZ342TC38		240	3/8	1"	1.55	2.25	0.23	4.85								
YAZ342N	550 kcmil	—	1/2	1-3/4"	1.55	2.25	0.23	6.04		—	—	U35RT (4)	Yellow	21	2-11/16	
YAZ352N			1/2	1-3/4"	1.65	2.62	0.25	6.45								
YAZ362TC38	600 kcmil	304	3/8	1"	1.74	2.69	0.26	5.55		—	—	U36RT (4)	U32ART (4)	Green	22 or 472	2-3/4
YAZ362N		300	1/2	1-3/4"	1.74	2.69	0.26	6.55								
YAZ372N	650 kcmil	—	1/2	1-3/4"	1.80	2.81	0.27	6.70		—	—	U37RT (4)	Orange	23	2-7/8	
YAZ382N	700 kcmil	355	1/2	1-3/4"	1.84	2.81	0.27	6.72								
YAZ392NT38	750 kcmil	380	3/8	1"	1.63	2.88	0.27	5.82		—	—	U39RT (4)	P39RT (4)**	Black	24	2-15/16
YAZ392TC38			3/8	1"	1.91	2.88	0.27	5.82								
YAZ392N			1/2	1-3/4"	1.91	2.88	0.27	6.82								
YAZ392NNT			1/2	1-3/4"	1.63	2.88	0.27	6.82								
YAZ402N	800 kcmil	405 400	1/2	1-3/4"	1.98	2.94	0.30	6.89		—	—	P40RT (4)**	Orange	25	3	
YAZ412N	850 kcmil	—	1/2	1-3/4"	2.01	2.94	0.31	6.91								
YAZ442TC38	1000 kcmil	507	3/8	1"	2.19	3.00	0.33	6.09	—	—	P44RT (4)**	White	27	3-1/16		
YAZ442N	500	1/2	1-3/4"	2.19	3.00	0.33	7.08									
YAZ452N	1250 kcmil	633	1/2	1-3/4"	2.46	3.19	0.38	7.38	—	—	—	P45RT (6)**	Yellow	29	3-1/4	
YAZ4532N	1300 kcmil	—	1/2	1-3/4"	2.53	3.19	0.39	7.41				—	Orange	30	2-1/16	
YAZ462N	1500 kcmil	760	1/2	1-3/4"	2.69	3.19	0.40	7.48				P46RT (6)**	Green	31	3-5/16	
YAZ472N	1750 kcmil	887	1/2	1-3/4"	2.90	3.44	0.42	7.82				—	Gray	33	3-1/2	
YAZ482N	2000 kcmil	1010	1/2	1-3/4"	3.10	3.44	0.46	7.89				—	Brown	34	3-1/2	

\* Use PUADP1 adapter with U dies in 46 Series

\*\*\* The MM<sup>2</sup> conductor sizes listed are the recommendations for Class 2 conductor

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

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

**Note:** All dimensions shown are for reference only.

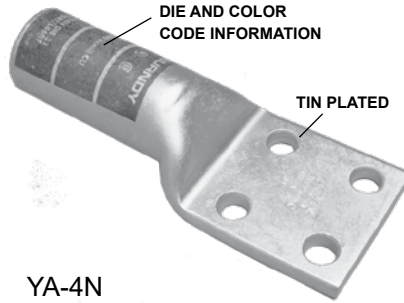
## TYPES YA-4N, YAB-4N

HYLUG™

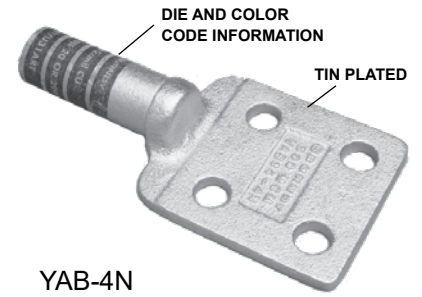


Uninsulated Copper Compression Terminal  
UL Listed 90° C, Up to 35 kV ◆

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



YA-4N

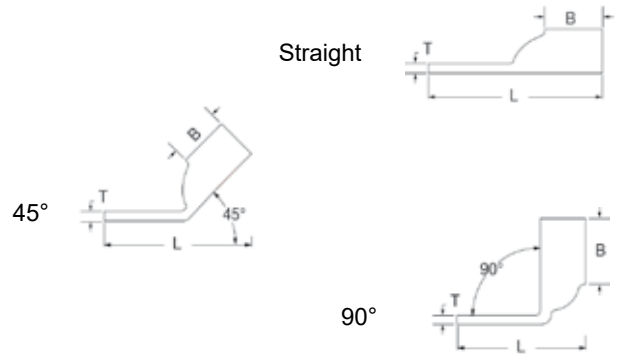


YAB-4N

### 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
- Four hole tongue/tang is recommended when space permits as the 4-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

**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.



### 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

Catalog Number	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Tongue Angle	Installation Tooling						Wire Strip Length
	AWG	*** MM²					Barrel Length	Tongue Thickness	Length (Total)	Hydraulic (35, 750, 46* Series)			
										* **	Color Code	Die Index	
YAB344N	500 kcmil	—	1/2	1.75"	3.00	Straight	2.25	0.25	6.33	U34RT	Brown	20	2-5/16
YAB364N	600 kcmil	—	1/2	1.75"	3.00	Straight	2.69	0.25	6.79	U36RT	Green	22	2-3/4
YAB394N	750 kcmil	—	1/2	1.75"	3.00	Straight	2.88	0.25	7.15	U39RT	Black	24	2-15/16
YA444N	1000 kcmil	500	1/2	1.75"	3.00	Straight	3.00	0.23	7.14	P44RT	White	27	3-1/16
YA454N	1250 kcmil	—	1/2	1.75"	3.00	Straight	3.19	0.30	7.44	P45RT	Yellow	29	3-1/4
YA464N	1500 kcmil	—	1/2	1.75"	3.00	Straight	3.19	0.34	7.55	P46RT	Green	31	3-1/4
YA474N	1750 kcmil	—	1/2	1.75"	2.90	Straight	3.44	0.39	7.89	‡L47RT	Gray	33	3-1/2
YA484N	2000 kcmil	—	1/2	1.75"	3.10	Straight	3.44	0.46	7.98	‡L48RT	Brown	34	3-1/2
YA4864N	2500 kcmil	—	1/2	1.75"	3.46	Straight	4.69	0.52	9.38	‡L486RT	—	—	4-3/4

\* Use PUADP1 adaptor with U dies in 46 Series

\*\* P dies for use with 46 Series only. PUADP1 adaptor not required

\*\*\* The MM² conductor sizes listed are for Class 2 conductor. For applications greater than 2000 Volts, consult cable manufacturer for voltage stress relief instructions

‡ Requires 60 Series Tools

▲ Not UL Listed

Available undrilled. Add suffix U to catalog number (example YA444NU)

**Note:** All dimensions shown are for reference only



Copper Wire Table									
*Terminal Designation	Barrel O.D. (IN)	Code	Flexible Nominal Wire Size / Wire Classes / Wire Class Stranding					DLO	
		Class B, C	Flex Size (Nominal)	G	H	I	K		M
**YAV10	0.21	#14 - #10 AWG	#14 - #10 AWG	—	—	26/24	104/30	259/34	27/24
**YA8C	0.27	#8 AWG	#8 AWG	49	133	41/24	168/30	420/34	37/24
YAV6C	0.31	#6 AWG	#6 AWG	49	133	63/24	266/30	655/34	61/24
YA5C	0.30	#5 AWG	#5 AWG	49	133	84/24	336/30	836/34	91/24
YAV4C	0.38	#4 AWG	#4 AWG	49	133	105/24	420/30	1064/34	105/24
YAV3C	0.42	#3 AWG	#3 AWG	49	133	133/24	532/30	1323/34	125/24
YAV2C	0.46	#2 AWG	#2 AWG	49	133	161/24	665/30	1666/34	150/24
YAV1C	0.51	#1 AWG	#1 AWG	133	259	210/24	835/30	2107/34	225/24
YAV25-FX	0.56	1/0 AWG	1/0 AWG	133	259	226/24	1064/30	2646/34	275/24
YAV26-FX	0.63	2/0 AWG	2/0 AWG	133	259	342/24	1323/30	3325/34	325/24
YAV27-FX	0.70	3/0 AWG	3/0 AWG	133	259	418/24	1666/30	4256/34	450/24
YAV28-FX	0.77	4/0 AWG	4/0 AWG	133	427	532/24	2107/30	5320/34	550/24
YAV29	0.80	250 kcmil	4/0	(4/0 AWG) 133	(4/0 AWG) 427	(4/0 AWG) 532/24	(4/0 AWG) 2107/30	(4/0 AWG) 5320/34	(4/0 AWG) 550/24
YA30-FX	0.81	—	250 kcmil	259	427	—	—	—	—
YA31-FX	0.88	—	250 kcmil	—	—	637/24	2499/30	6348/34	262
YA32-FX	0.95	—	300 kcmil	259	427	735/24	2989/30	7581/34	313
YA34-FX	1.06	—	350 kcmil	259	427	882/24	3458/30	8806/34	373
YA36-FX	1.19	—	500 kcmil	259	427	—	—	—	444
YA38-FX	1.25	—	500 kcmil	—	427	1225/24	5054/30	—	535
		—	550 kcmil	427	703	1372/24	—	—	
YA39-FX	1.30	—	600 kcmil	427	703	1470/24	5985/30	—	1470/24
YA40-FX	1.35	—	650 kcmil	427	—	—	—	—	646
YA44-FX	1.50	—	750 kcmil	427	703	1862	—	—	777
YA46-FX	1.84	—	1000 kcmil	—	—	—	—	—	1111

\*Catalog Number with suffix "FX" denote connectors that accommodate Copper Flexible Wire