

Compression Connections

Copper Compression — Code — Inspection Window

BURNDY®

TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

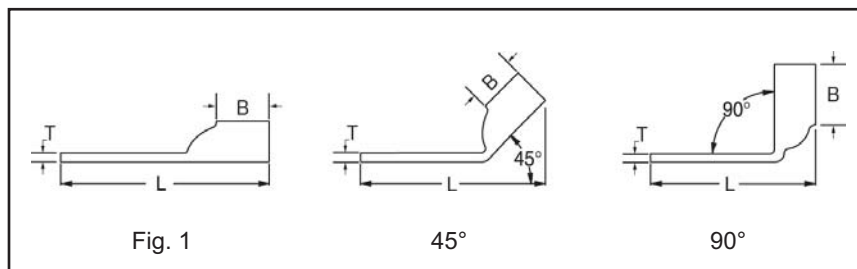
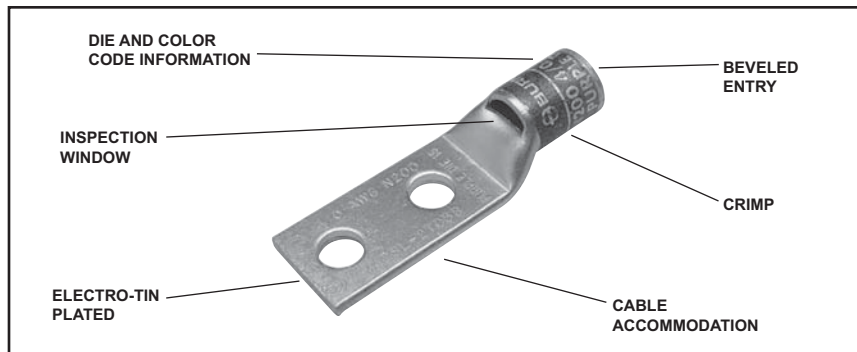
C-34

TYPES YAV-2TC, YA-L2L, YA-2LN, AND YA-L-2TC

COPPER COMPRESSION TERMINAL

UL Listed 90° C,
600 Volts to 35 kV ♦

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



Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			▲ Installation Tooling							Wire Strip Length
		AWG	*** MM ²				(B)	(T)	(L)	Dieless (# of crimps)	Mechanical	Hydraulic		Color Code	Die Index		
											MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS	Y35, Y39, Y750, Y46* PAT750				
YAV10-2TC10	1	#14-10 Str. #12-10 Sol.	6	#10	5/8"	0.36"	0.38"	0.06"	1.72"	Y8MRB-1 (1)	—	—	—	—	—	7/16"	
YAV10-2TC14				1/4"	5/8"	0.41"	0.38"	0.05"	1.84"								
YAV10-2TC14E2				1/4"	3/4"	0.41"	0.38"	0.05"	1.97"								
YAV10-2TC14E1				1/4"	1"	0.41"	0.38"	0.05"	2.22"								
YAV10-2TC38				3/8"	1"	0.56"	0.38"	0.04"	2.40"								
YA8C-L2TC10	1	#8 AWG #8 Weld 37/24 #6 Sol. #8 Sol.	† 10	#10	5/8"	0.41"	0.44"	0.08"	1.83"	Y1MRTC (1) Y8MRB-1 (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W8CVT (1) W8CRT (1) X8CRT (1)	W8CVT (1) W8CRT (1) X8CRT (1)	U8CRT (1)	Red	49	1/2"	
YA8CL-2TC10E2				#10	3/4"	0.41"	0.44"	0.08"	1.95"								
YA8C-L2TC14				1/4"	5/8"	0.44"	0.44"	0.08"	1.95"								
YA8C-L2TC14E2				1/4"	3/4"	0.44"	0.44"	0.08"	2.08"								
YA8C-L2TC14E1				1/4"	1"	0.44"	0.44"	0.08"	2.33"								
YA8C-L2TC38				3/8"	1"	0.58"	0.44"	0.06"	2.52"								
YA8C-2LN				1/2"	1-3/4"	0.83"	0.44"	0.12"	3.75"								
YA6C-2L51	1	#6 AWG	—	#10	1/2"	0.42"	0.54"	0.09"	1.79"	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"		
YA6CL-2TC10				#10	5/8"	0.42"	0.54"	0.09"	1.94"								
YA6C-2L52				1/4"	1/2"	0.45"	0.54"	0.08"	1.88"								
YA6CL-2TC14E				1/4"	1/2"	0.45"	0.54"	0.08"	1.94"								
YA6C-2L				1/4"	5/8"	0.45"	0.54"	0.08"	2.01"								
YA6CL-2TC14				1/4"	5/8"	0.45"	0.54"	0.08"	2.07"								
YA6CL-2TC14E2				1/4"	3/4"	0.45"	0.54"	0.08"	2.19"								
YA6CL-2TC14E1				1/4"	1"	0.45"	0.54"	0.08"	2.44"								

— Color code not assigned

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

** P-RT die sets for use in Y46 HYPRESS™ only,
PUADP-1 adapter not required

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

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

▲ 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

Blue highlighted items are industry standard and most frequently ordered.

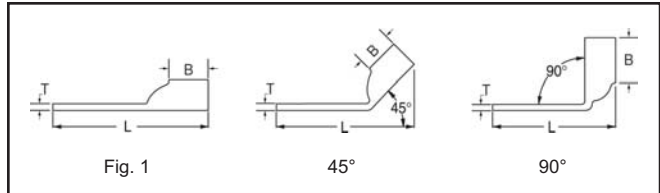
US: 1-800-346-4175

www.burndy.com

Canada: 1-800-387-6487

TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

(Continued)



UL Listed 90° C,
600 Volts to 35 kV ♦

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C-35

Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	*** MM²				(B)	(T)	(L)		Mechanical	Hydraulic		Color Code	Die Index	
												MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS			
YA6CL-2TC516E2	1	#6 AWG	—	5/16"	3/4"	0.52"	0.54"	0.07"	2.53"	Y1MRTC (1) MY29-3 (1) MY29-11 (1) MRC840 (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (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"
YA6CL-2TC516				5/16"	1"	0.52"	0.54"	0.07"	2.78"							
YA6CL-2TC38				3/8"	1"	0.58"	0.54"	0.06"	2.63"							
YA6C-2LN				1/2"	1-3/4"	0.83"	0.54"	0.12"	4.10"							
YA5C-2L	1	#5 AWG	—	1/4"	5/8"	0.44"	0.81"	0.07"	2.28"							7/8"
YA4C-2L	1	#4 AWG	—	1/4"	5/8"	0.50"	0.81"	0.09"	2.30"	Y1MRTC (2) MY29-3 (1) MY29-11 (1) MRC840 (1) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W4CVT (1) W4CRT (1) X4CRT (1)	W4CVT (1) W4CRT (1) X4CRT (1)	U4CRT (1) U6CABT (1)	Gray	8 or 346	7/8"
YA4CL-2TC14				1/4"	5/8"	0.50"	0.81"	0.09"	2.36"							
YA4CL-2TC14E2				1/4"	3/4"	0.50"	0.81"	0.09"	2.49"							
YA4CL-2TC14E1				1/4"	1"	0.50"	0.81"	0.09"	2.74"							
YA4CL-2TC516				5/16"	1"	0.52"	0.81"	0.09"	2.80"							
YA4CL-2TC38				3/8"	1"	0.58"	0.81"	0.08"	2.96"							
YA4C-2LN				1/2"	1-3/4"	0.83"	0.81"	0.12"	4.14"							
YA3CL-2TC14	1	#3 AWG #2 Sol.	25	1/4"	5/8"	0.55"	0.88"	0.09"	2.45"	W3CRT (1)	W3CRT (1)	U3CRT (1)	White	9	15/16"	
YA3C-2L				5/16"	5/8"	0.55"	0.88"	0.09"	2.64"							
YA3CL-2TC38				3/8"	1"	0.58"	0.88"	0.08"	3.06"							
YA2CL-2TC14	1	#2 AWG	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"	
YA2CL-2TC14E2				1/4"	3/4"	0.60"	0.88"	0.11"	2.60"							
YA2CL-2TC14E1				1/4"	1"	0.60"	0.88"	0.11"	2.85"							
YA2C-2L				5/16"	3/4"	0.60"	0.88"	0.11"	2.67"							
YA2CL-2TC516				5/16"	1"	0.60"	0.88"	0.11"	2.91"							
YA2CL-2TC38				3/8"	1"	0.60"	0.88"	0.11"	3.03"							
YA2C-2LN				1/2"	1-3/4"	0.83"	0.88"	0.12"	4.27"							
YA1CL-2TC14	1	#1 AWG	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"	
YA1CL-2TC14E2				1/4"	3/4"	0.68"	0.88"	0.10"	2.64"							
YA1C-2L				5/16"	7/8"	0.68"	0.88"	0.10"	2.82"							
YA1CL-2TC38				3/8"	1"	0.68"	0.88"	0.10"	3.07"							
YA1C-2LN				1/2"	1-3/4"	0.83"	0.88"	0.12"	4.32"							
YA25L-2TC14	1	1/0 AWG	—	1/4"	5/8"	0.75"	0.88"	0.12"	2.54"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W25VT (2) W25RT (2) X25RT (2)	W25VT (2) W25RT (2) X25RT (2)	U25RT (1) U2CABT (1)	Pink	12 or 348	15/16"
YA25L-2TC14E2				1/4"	3/4"	0.75"	0.88"	0.12"	2.66"							
YA25L-2TC14E1				1/4"	1"	0.75"	0.88"	0.12"	2.91"							
YA25-2L				5/16"	7/8"	0.75"	0.88"	0.12"	2.85"							
YA25L-2TC38				3/8"	1"	0.75"	0.88"	0.12"	3.10"							
YA25-2LN				1/2"	1-3/4"	0.83"	0.88"	0.11"	4.29"							

-- Color code not assigned

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recommendations for Class 2 conductor

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♦ For applications greater than 2000 volts consult cable
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Note: All dimensions shown are for reference only

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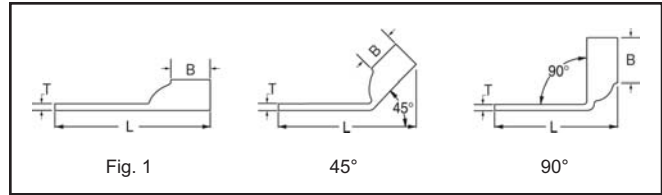
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TWO HOLE HYLUG™ CODE CONDUCTOR STANDARD BARREL

(Continued)

C-36

UL Listed 90° C,
600 Volts to 35 kV ♦



45° and 90° angles are available.
Please contact Customer Service to order.
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Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length
		AWG	*** MM²				(B)	(T)	(L)		Mechanical	Hydraulic		Color Code	Die Index	
												MD6, OUR840, MD7-34R	BCT500HS, Y500CTHS			
YA26L-2TC14	1	2/0 AWG	70	1/4"	5/8"	0.83"	0.94"	0.12"	2.64"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFT (1) Y81KFTMBH (1) PAT81KFT-18V (1)	W26VT (2) W26RT (2) X26RT (2)	W26VT (2) W26RT (2) X26RT (2)	U26RT (1)	Black	13	1"
YA26L-2TC14E2				1/4"	3/4"	0.83"	0.94"	0.12"	2.76"							
YA26L-2TC14E1				1/4"	1"	0.83"	0.94"	0.12"	3.01"							
YA26-2L				5/16"	7/8"	0.83"	0.94"	0.12"	2.95"							
YA26L-2TC38				3/8"	1"	0.83"	0.94"	0.12"	3.20"							
YA26-2LN				1/2"	1-3/4"	0.83"	0.94"	0.12"	4.39"							
YA27L-2TC14E2	1	3/0 AWG	—	1/4"	3/4"	0.91"	1.00"	0.12"	2.86"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFTMBH (2) PAT81KFT-18V (2) Y81KFT (2)	W27VT (2) W27RT (2) X27RT (3)	W27VT (2) W27RT (2) X27RT (3)	U27RT (1)	Orange	14	1-1/16"
YA27L-2TC38				3/8"	1"	0.91"	1.00"	0.12"	3.30"							
YA27-2LN				1/2"	1-3/4"	0.91"	1.00"	0.13"	4.48"							
YA28L-2TC14E2	1	4/0 AWG	—	1/4"	3/4"	1.02"	0.88"	0.14"	2.78"	MY29-3 (1) MY29-11 (1) MRC840 (2) Y644HSXT (1) Y81KFTMBH (2) PAT81KFT-18V (2) Y81KFT (2)	W28VT (2) W28RT (2) X28RT (3)	W28VT (2) W28RT (2) X28RT (3)	U28RT (1)	Purple	15	1-1/8"
YA28L-2TC14E1				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"							
YA28L-2TC38E2				3/8"	3/4"	1.02"	0.88"	0.14"	2.97"							
YA28L-2TC38				3/8"	1"	1.02"	0.88"	0.14"	3.22"							
YA28-2LN				1/2"	1-3/4"	1.02"	0.88"	0.14"	4.41"							
YA29L-2TC38	1	250 kcmil	—	3/8"	1.00"	1.10"	1.06"	0.16"	3.43"	MY29-3 (1) MY29-11 (1) Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W29VT (2) X29RT (4)	W29VT (2) W29RT (2) X29RT (4)	U29RT (1)	Yellow	16	1-1/8"
YA29-2LN				1/2"	1-3/4"	1.10"	1.06"	0.16"	4.62"							
YA30L-2TC-38	1	300 kcmil	150	3/8"	1"	1.20"	1.03"	0.16"	3.45"	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W30VT (2)	W30VT (2) W30RT (2)	U30RT (2) U28ART (2)	White	17 or 298	1"
YA30-2LN				1/2"	1-3/4"	1.20"	1.03"	0.16"	4.63"							
YA31L-2TC14E2	1	350 kcmil	185	1/4"	3/4"	1.29"	1.06"	0.18"	3.07"	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W31VT (2)	W31VT (2) W31RT (2)	U31RT (2) U29ART (2)	Red	18 or 324	1-1/8"
YA31L-2NTC516				5/16"	1-3/4"	1.29"	1.06"	0.18"	4.13"							
YA31L-2TC38				3/8"	1"	1.29"	1.06"	0.18"	3.51"							
YA31L-2TC12				1/2"	1-1/4"	1.29"	1.06"	0.18"	4.01"							
YA31-2LN				1/2"	1-3/4"	1.29"	1.06"	0.18"	4.70"							
YA32-2L	1	400 kcmil	—	3/8"	1"	1.40"	1.19"	0.19"	3.75"	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W32VT (2)	W32VT (2) W32RT (2)	U32RT (2) U30ART (2)	Blue	19 or 470	1-1/4"
YA32L-2TC38				3/8"	1"	1.40"	1.19"	0.19"	3.69"							
YA32L-2TC38E5				3/8"	1-1/16"	1.40"	1.19"	0.19"	3.75"							
YA32-2LN				1/2"	1-3/4"	1.40"	1.19"	0.19"	4.88"							

— Color code not assigned

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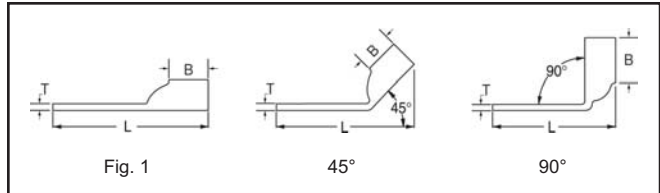


Fig. 1

UL Listed 90° C,
600 Volts to 35 kV ♦

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



C-37

Catalog Number	Fig #	Conductor		Stud Hole Size	Stud Hole Spacing	Tongue Width	Figure Dimensions			Dieless (# of crimps)	▲ Installation Tooling					Wire Strip Length	
		AWG	*** MM²				Mechanical MD6, OUR840, MD7-34R	Hydraulic			Color Code	Die Index					
								Y35, Y39, Y750, Y46* PAT750									
YA33-2LN	1	450 kcmil	—	1/2"	1-3/4"	1.48"	1.50"	0.21"	5.23"	Y644HSXT (1) Y81KFT (2) Y81KFTMBH (2) PAT81KFT-18V (2)	W33VT (2)	W33VT (2) W33RT (2)	U33RT (2)	Gray	326 or 538	1-9/16"	
YA34L-2TC14E2	1	500 kcmil	240	1/4"	3/4"	1.55"	1.27"	0.23"	3.44"		W34VT (2)	W34VT (2) W34RT (2)	U34RT (2) U31ART (2)	Brown	20 or 299	1-7/16"	
YA34-2L				3/8"	1"	1.55"	1.27"	0.23"	3.94"								
YA34L-2TC38				3/8"	1"	1.55"	1.27"	0.23"	3.88"								
YA34L-2TC12				1/2"	1-1/4"	1.55"	1.27"	0.23"	4.38"								
YA34-2LN				1/2"	1-3/4"	1.55"	1.27"	0.23"	5.06"								
YA35-2L	1	550 kcmil	—	3/8"	1-1/8"	1.65"	1.69"	0.25"	4.64"		Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U35RT (2)	Yellow	21	1-3/4"
YA35-2LN				1/2"	1-3/4"	1.65"	1.69"	0.25"	5.51"			—	—	U36RT (2) U32ART (2)	Green	22 or 472	1-3/4"
YA36L-2TC38	1	600 kcmil	300	3/8"	1"	1.74"	1.38"	0.27"	4.23"			—	—	U36RT (2) U32ART (2)	Green	22 or 472	1-3/4"
YA36-2LN				1/2"	1-3/4"	1.74"	1.38"	0.27"	5.23"								
YA37-2L	1	650 kcmil	—	3/8"	1-1/8"	1.80"	1.39"	0.27"	4.40"	Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)		—	—	U37RT (2)	Orange	23	1-15/16"
YA37-2LN				1/2"	1-3/4"	1.80"	1.39"	0.27"	5.27"								
YA38L-2TC38	1	700 kcmil	—	3/8"	1"	1.84"	1.45"	0.27"	4.35"			—	—	U38RT (2)	Pink	400	1-15/16"
YA38-2L				3/8"	1-1/8"	1.84"	1.45"	0.27"	4.48"								
YA38L-2TC12				1/2"	1-1/2"	1.84"	1.45"	0.27"	4.67"								
YA38-2LN				1/2"	1-3/4"	1.84"	1.45"	0.27"	5.35"								
YA39L-2TC38	1	750 kcmil	—	3/8"	1"	1.91"	1.42"	0.27"	4.36"		Y644HSXT (1) Y81KFT (3) Y81KFTMBH (3) PAT81KFT-18V (3)	—	—	U39RT (2) P39RT (2)**	Black	24	1-15/16"
YA39-2L				3/8"	1-1/8"	1.91"	1.42"	0.27"	4.48"								
YA39L-2TC12E3				1/2"	1-1/2"	1.91"	1.42"	0.27"	4.92"								
YA39-2LN				1/2"	1-3/4"	1.91"	1.42"	0.27"	5.36"								
YA39L-2TC58				5/8"	1-1/2"	1.91"	1.42"	0.27"	5.17"								
YA40L-2TC38	1	800 kcmil	400	3/8"	1"	1.98"	1.42"	0.30"	4.37"	—		—	P40RT (3)**	Orange	25	1-15/16"	
YA40-2L				3/8"	1-1/8"	1.98"	1.42"	0.30"	4.50"								
YA40-2LN				1/2"	1-3/4"	1.98"	1.42"	0.30"	5.38"								
YA41-2L	1	850 kcmil	—	3/8"	1-1/8"	2.01"	1.88"	0.31"	4.97"	—		—	—	Gold	26	1-15/16"	
YA44-2L	1	1000 kcmil	500	1/2"	1-1/4"	2.19"	1.65"	0.33"	5.24"	—		—	P44RT (3)**	White	27	1-15/16"	
YA44L-2TC12				1/2"	1-1/4"	2.19"	1.65"	0.33"	5.05"								
YA44-2LN				1/2"	1-3/4"	2.19"	1.65"	0.33"	5.74"								

— Color code not assigned

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

** P-RT die sets for use in Y46 HYPRESS™ only,
PUADP-1 adapter not required

*** The MM² 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.

Blue highlighted items are industry standard and most frequently ordered.