



## Compression Connectors for Copper Conductors

### Two-Way Splice Connectors — Standard Barrel Certified to 600 V and Recommended up to 35 kV‡

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated

Two-way connectors provide high-pullout values, are easy to insulate and provide a low-resistance connection of high quality and low installed cost.



Cat. No.	Code Cable	Wire Size Flex Cable Classes G, H, I, K, M*	Dimensions in. (mm)		Die Set Cat. No.	Colour Code
			A	E		
54504	#8 AWG	#8 AWG, 37/24, #8 Weld	1.00 (25.4)	0.27 (6.9)	21	Red
54505	#6 AWG	#6 AWG, 61/24, #6 Weld, 133/0.014	1.00 (25.4)	0.30 (7.6)	24	Blue
54506	#4 AWG	#4 AWG, 91/24, 133/0.0177, 49/0.029	1.00 (25.4)	0.37 (9.4)	29	Grey
54507	#2 AWG	125/24, #4 Weld	1.25 (31.8)	0.41 (10.4)	33	Brown
54508	#1 AWG	#2 AWG, 150/24, 175/24, #2 Weld, 133/0.0223	1.50 (38.1)	0.47 (11.9)	37	Green
54509	1/0 AWG	225/24, #1 Weld, 133/0.0254	1.63 (41.4)	0.52 (13.2)	42	Pink
54510	2/0 AWG	1/0 AWG, 275/24, 1/0 Weld, 427/0.0155, 133/0.0282	1.75 (44.5)	0.57 (14.5)	45	Black
54511	3/0 AWG	2/0 AWG, 325/24, 2/0 Weld, 133/0.0316, 259/0.0227, 427/0.0177	1.75 (44.5)	0.63 (16.0)	50	Orange
53962	—	375/24, 179 kcmil, 133/0.0355, 259/0.0255, 427/0.0199	1.81 (46.0)	0.70 (17.8)		
54512	4/0 AWG	3/0 AWG, 450/24, 3/0 Weld, 703/0.0154	1.88 (47.8)	0.70 (17.8)	54	Purple
54513	250 kcmil	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.25 (57.2)	0.77 (19.6)	62	Yellow
53964	—	4/0 AWG, 550/24, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.13 (54.1)	0.79 (20.1)		
54514	300 kcmil	—	2.13 (54.1)	0.83 (21.1)	66	White
54515	350 kcmil		2.25 (57.2)	0.90 (22.9)	71	Red
54516	400 kcmil	300 kcmil, 775/24 (313 kcmil)	2.75 (69.9)	0.93 (23.6)	76	Blue
53968	—		3.00 (76.2)	1.13 (28.7)	87	Brown
54518	500 kcmil	2.75 (69.9)	1.11 (28.2)			
54520	600 kcmil	—	3.00 (76.2)	1.18 (30.0)	94	Green
54522-TB	700 kcmil		3.25 (82.6)	1.23 (31.2)	99	Pink
53969	—	1325/24 = 500/535 kcmil, 427/0.0342	3.00 (76.2)	1.24 (31.5)		
54523-TB	750 kcmil	—	3.00 (76.2)	1.30 (33.0)	106	Black
54528	1000 kcmil		3.63 (92.2)	1.50 (38.1)	125	—
54530	1250 kcmil	4.13 (104.9)	1.67 (42.4)	140		

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

\*Consult your Regional Sales Office for complete list of flex cable class sizes M.

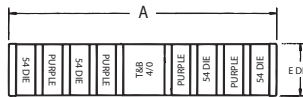
Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50

### Two-Way Splice Connectors — Long Barrel Certified to 600 V and Recommended up to 35 kV‡

**Material:** High-Conductivity Wrought Copper

**Finish:** Electro-Tin Plated



Cat. No.	Code Cable	Wire Size Flex Cable Classes G, H, I, K, M	Dimensions in. (mm)		Die Code	Colour Code
			A	E		
54804	#8 AWG	#8, 37/24 = 14.9 kcmil	1.75 (44.5)	0.27 (6.9)	21	Red
54805	#6 AWG	#6, 61/24 = 24.6 kcmil	1.75 (44.5)	0.31 (7.9)	24	Blue
54806	#4 AWG	#4, 91/24 = 36.7 kcmil	1.75 (44.5)	0.39 (9.9)	29	Grey
54807	#2 AWG	125/24 = 50.4 kcmil	1.88 (47.8)	0.43 (11.0)	33	Brown
54808	#1 AWG	#2, 150/24 = 60.5 kcmil 175/24 = 70.6 kcmil	2.00 (50.8)	0.49 (12.4)	37	Green
54809	1/0 AWG	225/24 = 90.8 kcmil	2.00 (50.8)	0.54 (13.7)	42	Pink
54810	2/0 AWG	1/0, 275/24 = 111 kcmil	2.13 (54.1)	0.59 (15.0)	45	Black
54811	3/0 AWG	2/0, 325/24 = 131 kcmil	2.25 (57.2)	0.65 (16.5)	50	Orange
54812	4/0 AWG	450/24 = 182 kcmil	2.75 (69.9)	0.72 (18.3)	54	Purple
54813	250 kcmil	4/0, 550/24 = 222 kcmil	3.38 (85.9)	0.79 (20.1)	62	Yellow

‡ For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Cat. No.	Code Cable	Wire Size Flex Cable Classes G, H, I, K, M	Dimensions in. (mm)		Die Code	Colour Code
			A	E		
54814	300 kcmil	250, 650/24 = 262 kcmil	3.50 (88.9)	0.87 (22.1)	66	White
54815	350 kcmil	—	3.75 (95.3)	0.95 (24.1)	71	Red
54816	400 kcmil	775/24 = 313 kcmil	3.75 (95.3)	0.98 (24.9)	76	Blue
54818	500 kcmil	350, 925/24 = 373 kcmil	4.75 (120.6)	1.11 (28.2)	87	Brown
54820	600 kcmil	1100/24 = 444 kcmil	4.25 (108.0)	1.21 (30.7)	94	Green
54823	750 kcmil	500, 1325/24 = 535 kcmil	4.75 (120.6)	1.34 (34.0)	106	Black
58524	—	1600/24 = 646 kcmil	5.00 (127.0)	1.39 (35.3)	106	
58526*	900 kcmil	750, 1925/24 = 777 kcmil	5.50 (139.7)	1.51 (38.4)	115	Yellow
54828	1000 kcmil	—	5.63 (143.0)	1.56 (39.6)	125	—
54833	1500 kcmil		5.63 (143.0)	1.56 (39.6)	125	
54839	2000 kcmil		7.06 (179.3)	2.13 (54.1)	—	

Tooling: pp. E4–E62

Die Selector Chart: pp. E35–E50