

Compression connectors for copper conductor

Two-way splice connectors – Standard barrel 600 V to 35 kV



Material – High conductivity wrought copper

Finish – Electro tin plate

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

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Diagram	Cat. no.	Code (AWG or kcmil)	Wire size (AWG or kcmil)		Dimensions (in.)		Die code	Die color
			Flex class G, H, I, K, M [†]	A	E			
	54504	#8	37/24 = 14.9, #8 Weld	1.00	0.27	21	Red	
	54505	#6	61/24 = 24.6, #6 Weld, 133/0.014	1.00	0.30	24	Blue	
	54506	#4	91/24 = 36.7, 133/0.0177, 49/0.029	1.00	0.37	29	Gray	
	54507	#2	125/24 = 50.4, #4 Weld	1.25	0.41	33	Brown	
	54508	#1	150/24 = 60.5, 175/24 = 70.6, #2 Weld, 133/0.0223	1.50	0.47	37	Green	
	54509	1/0	225/24 = 90.8, #1 Weld, 133/0.0254	1.63	0.52	42	Pink	
	54510	2/0	275/24 = 111, 1/0 Weld, 427/0.0155, 133/0.0282	1.75	0.57	45	Black	
	54511	3/0	325/24 = 131, 2/0 Weld, 133/0.0316, 259/0.0227, 427/0.0177	1.75	0.63	50	Orange	
	53962		375/24 = 179, 133/0.0355, 259/0.0255, 427/0.0199	1.81	0.70	50	Orange	
	54512	4/0	450/24 = 182, 3/0 Weld, 703/0.0154	1.88	0.70	54	Purple	
	54513	250	550/24 = 222, 4/0 Weld, 133/0.0399, 259/0.0286, 637/0.0183	2.25	0.77	62	Yellow	
	53964			2.13	0.79	62	Yellow	
	54514	300	–	2.13	0.83	66	White	
	54515	350	–	2.25	0.90	71	Red	
	54516	400	–	2.75	0.93	76	Blue	
	53968	500	1100/24 = 444, 500 Weld, 259/0.0417, 427/0.0325, 703/0.0253	3.00	1.13	87	Brown	
	54518		–	2.75	1.11	87	Brown	
	54520	600	–	3.00	1.18	94	Green	
	54522-TB	700	–	3.25	1.23	99	Pink	
	53969		1325/24 = 535, 427/0.0342	3.00	1.24	99	Pink	
54523-TB	750	–	3.00	1.30	106	Black		
54528	1000	–	3.63	1.50	125	–		
54530	1250	–	4.13	1.67	140	–		

[†] Contact technical services for specific stranding listings

Tooling – see pages 104-127.

Die selector chart – see pages 128-133.