Copper compression splices

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 simple to insulate and provide a low-resistance connection of high quality and low installed cost.

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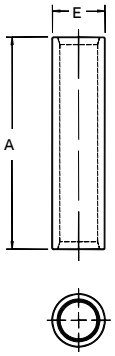
Diagram	Cat. no.	Wire size (AWG or kcmil) Code (AWG or kcmil)	Wire size (AWG or kcmil) Flex class G, H, I, K, M†	Dimensions (in.) A	Dimensions (in.) E	Die code	Die color
	54504	#8	37/24 = 14.9, #8 Weld	1.00	0.27	21	Red
	54505	#6	61/24 = 24.6, #6 Weld, 133/0.014	1.00	0.30	24	Blue
	54506	#4	91/24 = 36.7, 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	
	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	
	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/.0417, 427/0.0325, 703/0.0253	3.00	1.13	87	Brown
	54518		–	2.75	1.11	87	
	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	
	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 91-115.
Die selector chart – see pages 116-121.