

Connectors for Aluminum/Copper Code Conductors



For aluminum-to-copper or aluminum-to-aluminum splicing. Two-Way Splice Connectors

Material: High-Conductivity Wrought Aluminum
Finish: Electro-Tin Plated



- Connectors are pre-filled
- For 90°C certified to 600V and recommended up to 35 kV* applications
- For aluminum and copper concentric conductors and compact code aluminum strandings
- Permit aluminum conductors to be spliced to copper or aluminum conductors

CAT. NO.	Cable Size	Dimensions in. (mm)		Die Code	Color Code
		A	E		
60500-TB	10 Str.	1.00 (25.4)	0.27 (6.9)	21	Red
60501-TB	8 Str.	1.19 (30.2)	0.28 (7.1)	24	Blue
60507-TB	6 Str.	1.63 (41.4)	0.35 (8.9)	29	Grey
60512	4 Str.	1.81 (46.0)	0.46 (11.7)	37	Green
60516	2 Str./3 Str.	1.81 (46.0)	0.51 (13.0)	42	Pink
60522-TB	1 Str.	2.38 (60.5)	0.56 (14.2)	45	Gold
60530-TB	1/0	2.38 (60.5)	0.62 (15.7)	50	Tan
60536	2/0	2.50 (63.5)	0.70 (17.8)	54	Olive
60542	3/0	2.81 (71.4)	0.77 (19.6)	60	Ruby
60548	4/0	3.66 (93.0)	0.86 (21.8)	66	White
60554	250 kcmil	3.91 (99.3)	0.92 (23.4)	71	Red
60560	300 kcmil	3.97 (100.8)	0.99 (25.1)	76	Blue
60565	350 kcmil	4.97 (126.2)	1.09 (27.7)	87	Brown
60568	400 kcmil	4.97 (126.2)	1.18 (30.0)	94	Green
60571	500 kcmil	4.97 (126.2)	1.28 (32.5)	99	Pink
60574	600 kcmil	5.22 (132.6)	1.36 (34.5)	106	Black
60576	700 kcmil	5.44 (138.2)	1.44 (36.6)	112	Purple
60578	750 kcmil	5.69 (144.5)	1.50 (38.1)	115	Yellow
60584	1000 kcmil	6.69 (169.9)	1.77 (45.0)	140	-

Tooling: pp. 110-139 Die Selector Chart: pp. 140-147
* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Compression

Splice aluminum conductors to copper conductors of equal ampacities.

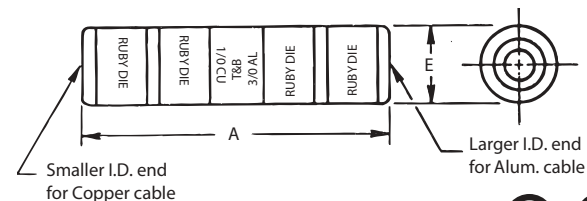
Aluminum Reducing Connectors



- For 90°C, certified to 600V and recommended up to 35 kV* applications
- Filled with high-temperature oxide inhibiting compound
- Designed for the right combination of equivalent sizes (Example: 4/0 aluminum to 2/0 copper)
- Selection table gives aluminum/copper equivalents to all sizes

Material: High-Conductivity Wrought Aluminum

Finish: Electro-Tin Plated



CAT. NO.	Cable Size		Dimensions in. (mm)		Die Code	Color Code
	Alum.	Copper	A	E		
60905-TB	8	10	0.81 (20.6)	0.28 (7.1)	24	Blue
60910	6	8	1.63 (41.4)	0.34 (8.6)	29	Grey
60915	4	6	1.81 (46.0)	0.44 (11.2)	37	Green
60925	1	3	2.38 (60.5)	0.53 (13.5)	45	Gold
60930	1/0	2	2.38 (60.5)	0.63 (16.0)	50	Tan
60935	2/0	1	2.50 (63.5)	0.69 (17.5)	54	Olive
60940	3/0	1/0	2.81 (71.4)	0.75 (19.1)	60	Ruby
60945	4/0	2/0	3.75 (95.3)	0.88 (22.4)	66H	White
60950	250 kcmil	3/0	4.00 (101.6)	0.94 (23.9)	71H	Red
60955	300 kcmil	4/0	4.06 (103.4)	1.00 (25.4)	76H	Blue
60960	350 kcmil	4/0	5.06 (128.5)	0.09 (2.3)	87H	Brown
60965	400 kcmil	250 kcmil	5.06 (128.5)	1.22 (31.0)	94H	Green
60970	500 kcmil	350 kcmil	5.06 (128.5)	1.31 (33.3)	99H	Pink
60975	600 kcmil	400 kcmil	5.31 (134.9)	1.34 (34.0)	106H	Black
60980	700 kcmil	500 kcmil	5.56 (141.2)	1.44 (36.6)	112H	Purple
60985	750 kcmil	500 kcmil	5.81 (147.6)	1.50 (38.1)	115H	Yellow

Die Selector Chart: pp. 142-149
* For installations from 16 kV up to 35 kV, consult shielded cable manufacturers for stress relief and insulation requirements.

Installing Tools:
TBM5(S) #10 - 4/0
TBM6(S) #10 - 350 kcmil
TBM8(S) #10 - 350 kcmil