

Connectors for Aluminum/Copper Code Conductor

For aluminum-to-copper, aluminum-to-aluminum or copper-to-copper splicing.



Two-Way Splice Connectors



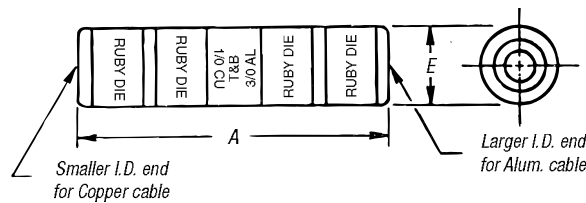
- For 90° C, 600V to 35kV applications
- For aluminum and copper concentric conductors and compact code aluminum strandings
- Permit aluminum conductors to be spliced to copper or aluminum conductors

Material: High-Conductivity Wrought Aluminum

Finish: Electro-Tin Plate

CAT. NO.	CONDUCTOR CODE	DIMENSIONS (IN.)		DIE CODE	COLOR CODE
		A	E		
60500	#10 Str. AWG	1.00	.27	21	RED
60501	#8 Str. AWG	1.19	.28	24	BLUE
60507	#6 Str. AWG	1.63	.35	29	GRAY
60512	#4 Str. AWG	1.81	.46	37	GREEN
60516	#2 Str. AWG/#3 Str. AWG	1.81	.51	42	PINK
60522	#1 Str. AWG	2.38	.56	45	GOLD
60530	1/0 AWG	2.38	.62	50	TAN
60536	2/0 AWG	2.50	.70	54	OLIVE
60542	3/0 AWG	2.81	.77	60	RUBY
60548	4/0 AWG	3.66	.86	66	WHITE
60554	250 kcmil	3.91	.92	71	RED
60560	300 kcmil	3.97	.99	76	BLUE
60565	350 kcmil	4.97	1.09	87	BROWN
60568	400 kcmil	4.97	1.18	94	GREEN
60571	500 kcmil	4.97	1.28	99	PINK
60574	600 kcmil	5.22	1.36	106	BLACK
60576	700 kcmil	5.44	1.44	112	PURPLE
60578	750 kcmil/900 compact	5.69	1.50	115	YELLOW
60584	1000 kcmil	6.69	1.77	140	—

Splice aluminum conductors to copper conductors of equal ampacities.



Aluminum Reducing Connectors



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

Material: High-Conductivity Wrought Aluminum

Finish: Electro-Tin Plate

CAT. NO.	CABLE SIZE		DIMENSIONS (IN.)		DIE CODE	COLOR KEY
	ALUMINUM	COPPER	A	E		
60905	#8 AWG	#10 AWG	1 ¹ / ₁₆	3 ¹ / ₃₂	24	BLUE
60910	#6 AWG	#8 AWG	1 ¹ / ₈	1 ¹ / ₃₂	29	GRAY
60915	#4 AWG	#6 AWG	1 ¹³ / ₁₆	1 ¹ / ₁₆	37	GREEN
60925	#1 AWG	#3 AWG	2 ¹ / ₂	1 ⁷ / ₃₂	45	GOLD
60930	1/0 AWG	#2 AWG	2 ¹ / ₂	5 ¹ / ₈	50	TAN
60935	2/0 AWG	#1 AWG	2 ¹ / ₂	1 ¹ / ₁₆	54	OLIVE
60940	3/0 AWG	1/0 AWG	2 ¹³ / ₁₆	3 ¹ / ₄	60	RUBY
60945	4/0 AWG	2/0 AWG	3 ³ / ₄	7 ¹ / ₈	66H	WHITE
60950	250 kcmil	3/0 AWG	4	1 ¹ / ₁₆	71H	RED
60955	300 kcmil	4/0 AWG	4 ¹ / ₁₆	1	76H	BLUE
60960	350 kcmil	4/0 AWG	5 ¹ / ₁₆	3 ¹ / ₃₂	87H	BROWN
60965	400 kcmil	250 kcmil	5 ¹ / ₁₆	1 ¹ / ₃₂	94H	GREEN
60970	500 kcmil	350 kcmil	5 ¹ / ₁₆	1 ¹ / ₁₆	99H	PINK
60975	600 kcmil	400 kcmil	5 ¹ / ₁₆	1 ¹ / ₃₂	106H	BLACK
60980	700 kcmil	500 kcmil	5 ¹ / ₁₆	1 ¹ / ₁₆	112H	PURPLE
60985	750 kcmil	500 kcmil	5 ¹³ / ₁₆	1 ¹ / ₂	115H	YELLOW

Selection table gives aluminum/copper equivalents for all sizes.

Connectors are filled with a high-temperature oxide-inhibiting compound.

Tooling: **pp. F-80-F-100**

Die Selector Chart: **pp. F-101-F-104**

Installing Tools: TBM5(s) #10 AWG → 4/0 AWG
TBM6(s) #10 AWG → 350 kcmil
TBM8(s) #10 AWG → 350 kcmil

Connectors for Aluminum/Copper Code Conductor

For aluminum-to-copper, aluminum-to-aluminum or copper-to-copper splicing.



Two-Way Splice Connectors



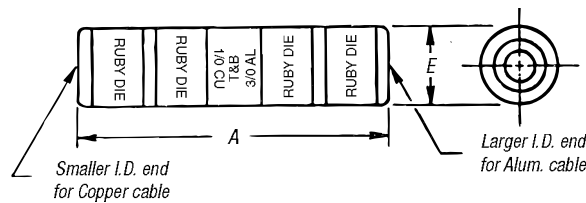
- For 90° C, 600V to 35kV applications
- For aluminum and copper concentric conductors and compact code aluminum strandings
- Permit aluminum conductors to be spliced to copper or aluminum conductors

Material: High-Conductivity Wrought Aluminum

Finish: Electro-Tin Plate

CAT. NO.	CONDUCTOR CODE	DIMENSIONS (IN.)		DIE CODE	COLOR CODE
		A	E		
60500	#10 Str. AWG	1.00	.27	21	RED
60501	#8 Str. AWG	1.19	.28	24	BLUE
60507	#6 Str. AWG	1.63	.35	29	GRAY
60512	#4 Str. AWG	1.81	.46	37	GREEN
60516	#2 Str. AWG/#3 Str. AWG	1.81	.51	42	PINK
60522	#1 Str. AWG	2.38	.56	45	GOLD
60530	1/0 AWG	2.38	.62	50	TAN
60536	2/0 AWG	2.50	.70	54	OLIVE
60542	3/0 AWG	2.81	.77	60	RUBY
60548	4/0 AWG	3.66	.86	66	WHITE
60554	250 kcmil	3.91	.92	71	RED
60560	300 kcmil	3.97	.99	76	BLUE
60565	350 kcmil	4.97	1.09	87	BROWN
60568	400 kcmil	4.97	1.18	94	GREEN
60571	500 kcmil	4.97	1.28	99	PINK
60574	600 kcmil	5.22	1.36	106	BLACK
60576	700 kcmil	5.44	1.44	112	PURPLE
60578	750 kcmil/900 compact	5.69	1.50	115	YELLOW
60584	1000 kcmil	6.69	1.77	140	—

Splice aluminum conductors to copper conductors of equal ampacities.



Aluminum Reducing Connectors



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

Material: High-Conductivity Wrought Aluminum

Finish: Electro-Tin Plate

CAT. NO.	CABLE SIZE		DIMENSIONS (IN.)		DIE CODE	COLOR KEY
	ALUMINUM	COPPER	A	E		
60905	#8 AWG	#10 AWG	1 1/16	3/32	24	BLUE
60910	#6 AWG	#8 AWG	1 1/8	1/32	29	GRAY
60915	#4 AWG	#6 AWG	1 13/16	1/16	37	GREEN
60925	#1 AWG	#3 AWG	2 1/2	17/32	45	GOLD
60930	1/0 AWG	#2 AWG	2 3/8	5/8	50	TAN
60935	2/0 AWG	#1 AWG	2 1/2	1 1/16	54	OLIVE
60940	3/0 AWG	1/0 AWG	2 13/16	3/4	60	RUBY
60945	4/0 AWG	2/0 AWG	3 3/4	7/8	66H	WHITE
60950	250 kcmil	3/0 AWG	4	1 1/16	71H	RED
60955	300 kcmil	4/0 AWG	4 1/8	1	76H	BLUE
60960	350 kcmil	4/0 AWG	5 1/8	3/32	87H	BROWN
60965	400 kcmil	250 kcmil	5 1/8	1 1/32	94H	GREEN
60970	500 kcmil	350 kcmil	5 1/8	1 1/16	99H	PINK
60975	600 kcmil	400 kcmil	5 1/8	1 1/32	106H	BLACK
60980	700 kcmil	500 kcmil	5 1/8	1 1/16	112H	PURPLE
60985	750 kcmil	500 kcmil	5 13/16	1 1/2	115H	YELLOW

Selection table gives aluminum/copper equivalents for all sizes.

Connectors are filled with a high-temperature oxide-inhibiting compound.

Tooling: **pp. F-80-F-100**

Die Selector Chart: **pp. F-101-F-104**

Installing Tools: TBM5(s) #10 AWG → 4/0 AWG
TBM6(s) #10 AWG → 350 kcmil
TBM8(s) #10 AWG → 350 kcmil