

Connectors for Aluminum/Copper Code Conductor

Converts an aluminum cable into a two-sizes-smaller copper pigtail.

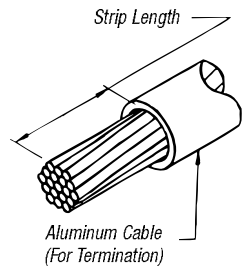
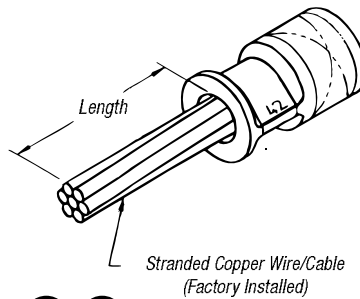
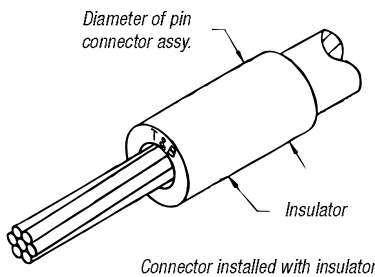
Bi-Pin® Bi-Metal Pin Connectors with Insulating Covers

- For 90° C, 600V applications
- Upgrades connection by eliminating cold flow and oxidation of aluminum
- Reduces oversized aluminum cable
- Enables termination of aluminum cable into a copper-only lug
- Barrel prefilled with joint compound

Material: Copper Wire/Aluminum Body

Finish: Electro-Tin Plate

Insulator: Neoprene (600V dielectric rating)



CAT. NO.	ALUM. CABLE SIZE	COPPER WIRE SIZE	BODY LENGTH AFTER INSTALLING (IN.)	DIE CODE NO.	COLOR KEY
61905A	#8 AWG	#10 AWG	1 $\frac{1}{8}$	24	BLUE
61910A	#6 AWG	#8 AWG	1 $\frac{1}{8}$	24	BLUE
61915A	#4 AWG	#6 AWG	1 $\frac{1}{16}$	45	GOLD
61920A	#2 AWG	#4 AWG	1 $\frac{1}{16}$	45	GOLD
61925A	#1 AWG	#3 AWG	1 $\frac{1}{8}$	50	ORANGE
61930A	1/0 AWG	#2 AWG	1 $\frac{1}{8}$	50	ORANGE
61935	2/0 AWG	#1 AWG	1 $\frac{1}{16}$	50	ORANGE
61940	3/0 AWG	1/0 AWG	2 $\frac{1}{8}$	60	RUBY
61945	4/0 AWG	2/0 AWG	2 $\frac{1}{8}$	60	RUBY
61950	250 kcmil	3/0 AWG	2 $\frac{1}{16}$	66	WHITE
61955	300 kcmil	4/0 AWG	2 $\frac{1}{2}$	71H	RED
61960	350 kcmil	250 kcmil	2 $\frac{1}{2}$	71H	RED
61963	400 kcmil	250 kcmil	3 $\frac{1}{4}$	87H	BROWN
61965	500 kcmil	350 kcmil	3 $\frac{1}{4}$	87H	BROWN
61970	600 kcmil	400 kcmil	3 $\frac{1}{4}$	107H	ORANGE
61975	700-750 kcmil	500 kcmil	3 $\frac{1}{4}$	107H	ORANGE

Hand tools — Smart® Tool

Tooling: pp. F-80-F-100

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

To inspect installation:
Match the installing dies to the pin connector permanent embossing.
(For tools with code embossing dies)

