

Compression Connectors for Copper Conductor

Constant O.D. enables faster, easier installation than contoured design.

Cast-Copper Reducing Splices



Thomas & Betts takes the splicing of different-sized conductors to a new level of economy and efficiency with Cast-Copper Reducing Splices. In addition to a lower cost, the key benefit to these splices is in their constant outer diameter. Unlike screw-machined, externally contoured splices, Cast-Copper Reducing Splices require no change of tool or die between crimping each end. Just slide each wire easily into the chamfered barrel, and use the same Color-Keyed tool and die to crimp both ends. The consistent O.D. also makes these splices faster and easier to insulate with clear heat-shrink wrap than a contoured splice. Sand-cast construction ensures high tensile strength for heavy-duty applications, and tin-plated copper material provides high conductivity and superior corrosion resistance.

- Ideal for telecom (inside office/outside plant), commercial, industrial MRO and any other 600V–35kV applications requiring splicing of different-sized conductors
- Tin-plated, sand-cast copper construction provides superior tensile strength, high conductivity, and excellent corrosion resistance
- Easier to install and insulate than screw-machined, contour-designed reducing splices
- Constant O.D. saves time on installation by eliminating the need for crimp tool/die change
- Fast and simple to insulate with clear or colored heat-shrink wrap
- Chamfered barrel facilitates easy wire insertion
- Compact, low-profile design takes up minimal space in cable tray or wire run
- Simple installation with Blackburn® compression tools (see pp. F-80–F-100) and dies (see pp. F-101–F-104)



CAT. NO.	COND. 1 SIZE	COND. 2 SIZE	DIM. A	DIM. E	DIE CODE	DIE COLOR
251-30485-19	4/0 Str.	#2 Str.	2¼"	13/16"	66	WHITE
251-30485-91	500 kcmil Str.	300 kcmil Str.	3½"	13/16"	99	PINK
251-30485-229	2/0 Str.	250 kcmil Str.	2¾"	15/16"	76	BLUE
251-30485-247	#2 Str.	#8 Str.	19/16"	19/32"	45	BLACK
251-30485-294	#4 Str.	2/0 Str.	2¼"	27/32"	66	WHITE
251-30485-295	4/0 Str.	#4 Str.	2¼"	13/16"	66	WHITE
251-30485-331	4/0 Str.	350 kcmil Str.	35/16"	17/32"	99	PINK
251-30485-445	4/0 Str.	2/0 Str.	2¼"	13/16"	66	WHITE
251-30485-495	1/0 Str.	#2 Str.	19/16"	19/32"	45	BLACK
251-30485-610	#6 Str.	#8 Str.	17/32"	3/8"	29	GRAY
251-30485-611	#4 Str.	#8 Str.	17/32"	3/8"	29	GRAY
251-30485-612	#4 Str.	#6 Str.	17/32"	3/8"	29	GRAY
251-30485-613	#2 Str.	#6 Str.	19/16"	19/32"	45	BLACK
251-30485-640	4/0 Str.	1/0 Str.	2¼"	13/16"	66	WHITE
251-30485-653	#2 Str.	250 kcmil Str.	2¾"	15/16"	76	BLUE
251-30485-739	1/0 Str.	250 kcmil Str.	2¾"	15/16"	76	BLUE
251-30485-882	400 kcmil Str.	350 kcmil Str.	35/16"	17/32"	99	PINK
251-30485-950	1/0 Str.	#6 Str.	19/16"	19/32"	45	BLACK
251-30485-951	#6 Str.	2/0 Str.	2¼"	27/32"	66	WHITE
251-30485-1027	1/0 Str.	#4 Str.	19/16"	19/32"	45	BLACK
251-30485-1029	1/0 Str.	#12 Str.	19/16"	37/64"	45	BLACK
251-30485-1030	10 Str.	#4 Str.	17/32"	3/8"	29	GRAY
251-30485-1031	12 Str.	#4 Str.	17/32"	3/8"	29	GRAY
251-30485-1032	#6 Str.	#10 Str.	17/32"	3/8"	29	GRAY
251-30485-1033	#12 Str.	#6 Str.	17/32"	3/8"	29	GRAY
251-30485-1034	#14 Str.	#8 Str.	17/32"	3/8"	29	GRAY
251-30485-1035	#1 Str.	1/0 Str.	19/16"	19/32"	45	BLACK
251-30485-1044	#10 Str.	#8 Str.	17/32"	3/8"	29	GRAY
251-30485-1045	#12 Str.	#8 Str.	17/32"	3/8"	29	GRAY
251-30485-1085	#10 Str.	1/0 Str.	19/16"	19/32"	45	BLACK
251-30485-1086	#10 Str.	2/0 Str.	2¼"	27/32"	66	WHITE
251-30485-1087	#4 Str.	250 kcmil Str.	2¾"	15/16"	76	BLUE
251-30485-1088	400 kcmil Str.	250 kcmil Str.	35/16"	17/32"	99	PINK
251-30485-1089	#14 Str.	#8 Sol.	17/32"	3/8"	29	GRAY
251-30485-1090	#12 Str.	#8 Sol.	17/32"	3/8"	29	GRAY
251-30485-1091	#10 Str.	#8 Sol.	17/32"	3/8"	29	GRAY
251-30485-1092	#12 Str.	#6 Sol.	17/32"	3/8"	29	GRAY
251-30485-1093	#8 Str.	#6 Sol.	17/32"	3/8"	29	GRAY
251-30485-1094	#4 Str.	#6 Sol.	17/32"	3/8"	29	GRAY
251-30485-1095	#2 Str.	#6 Sol.	19/16"	19/32"	45	BLACK
251-30485-1096	#12 Str.	#4 Sol.	17/32"	3/8"	29	GRAY
251-30485-1097	#10 Str.	#4 Sol.	17/32"	3/8"	29	GRAY
251-30485-1098	#8 Str.	#4 Sol.	17/32"	3/8"	29	GRAY
251-30485-1099	#6 Str.	#4 Sol.	17/32"	3/8"	29	GRAY
251-30485-1100	1/0 Str.	#4 Sol.	19/16"	19/32"	45	BLACK
251-30485-1130	Cast Solid*	#12–#4 Str.	19/32"	3/8"	29 1	BLACK
251-30485-1245	1/0 Flex	#4 Flex	2¼"	13/16"	66	WHITE
251-30485-1246	#4 Flex	#8 Flex	19/16"	37/64"	45	BLACK

*Cast Solid — Field Modifiable Special