

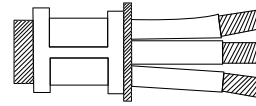
## Wire joints for copper conductors

All-around compression ensures high conductivity, low resistance and high pull-out values exceeding CSA requirements

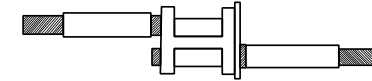


### Compression wire joints for copper conductors

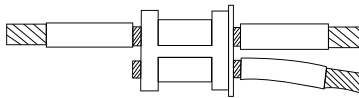
- Ideal for pigtailing, tapping multiple conductors or two-way splicing
- Form a permanent installation in minimal space
- Easily insulated
- Offer lowest installed cost
- Made of high-conductivity copper and electro tin-plated
- Colored-coded to dies for positive matching and compression



Pigtail



Two-way connector



Three-way connector

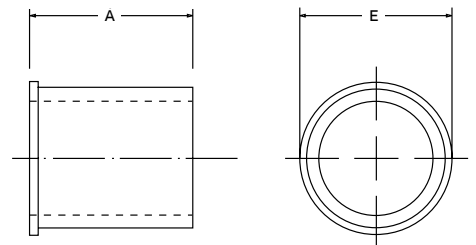
AWG Size	Circular Mil Area
#14	4,107
#12	6,530
#10	10,380
#8	16,510
#6	26,250
#4	41,740
#2	66,370
#1	83,690
1/0	105,500
2/0	133,100
3/0	167,800
4/0	211,600



### Compression wire joints for copper conductors

Cat. no.	Connector range				Dimensions (in.) mm		Colour code	Installing hand tools					
	Circular mil area		Cable combination (AWG)		A	E		TBM25S/21E	TBM45S	TBM8/8S	TBM5/5S	TBM6 & TBM6S	
	Min.	Max.	Min.	Max.				Die cat. no.	Die cat. no.	Die cat. no.	Upper	Lower	
54610	19,590	27,290	(3) #12 sol. or str.	(2) #10 w/(1) #12 sol. or str.	0.407 (10.3)	0.370 (9.4)	Blue	Included	-	-	-	13475	13477
54615	31,140	43,400	(3) #10 sol. or str.	(4) #10 sol. or str.	0.407 (10.3)	0.430 (10.9)	Grey	Included	13461	13454	-	13472	13476
54620	49,530	65,560	(3) #8 sol. or str.	(1) #4 w/(2) #10 sol. or str.	0.417 (10.6)	0.475 (12.1)	Brown	Included	-	-	-	13474	-
54625-TB	66,040	87,130	(4) #8 (1) #2 str w/(2) #12 sol. or str.	(2) #12 sol. or str.	0.479 (12.2)	0.545 (13.8)	Green	-	-	-	-	-	-
54630	83,480	99,990	(2) #4 sol. or str.	(2) #4 w/(1) #10 sol. or str.	0.479 (12.2)	0.585 (14.9)	Pink	-	13462	13455	-	13475	13477
54635	99,060	124,220	(6) #8 str.	(2) #4 w/(2) #8 sol. or str.	0.762 (19.4)	0.620 (15.7)	Black	-	-	-	-	13474	-
54640	125,220	166,120	(3) #4 sol. or str.	(3) #4 w/(2) #10 sol. or str.	0.762 (19.4)	0.695 (17.7)	Orange	-	-	-	-	-	-
54645-TB	166,960	193,630	(4) #4 sol. or str.	(2) #1 w/(2) #10 sol. or str.	0.824 (20.9)	0.770 (19.6)	Purple	-	13463	13456	-	13475	-
54650	189,190	244,020	(3) #2 str.	(2) #1/0 w/(2) #8 str.	0.887 (22.5)	0.830 (21.1)	Yellow	-	13463	13456	-	13473	13476

### Diagrams



Hand tools only.

For tool and die selection charts, see the section E31-E48 of the Tools, Dies and Kits catalogue.