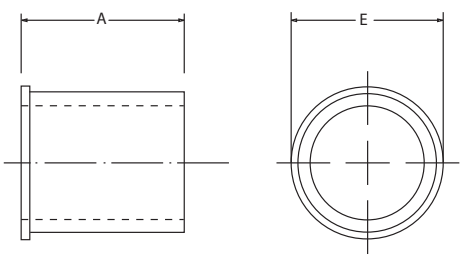
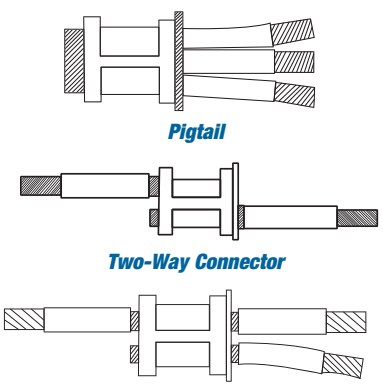
Wire Joints for Copper Conductors

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

Compression Wire Joints for Copper Conductors

- deal for pigtailing, tapping multiple conductors or 2-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

CAT. NO.	Connector Range				Dimensions in. (mm)		Color Code	Installing Hand Tools				
	Circular Mil Area		Cable Combination								TBM6 and TBM6S	
	Min.	Max.	Min.	Max.	A	E		TBM25S/21E TBM4BB Die Cat. No.	TBM8/8S Die Cat. No.	TBM5/5S 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 # sol. or str.	1 #2 str w/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	–	–	–	13473	13476

Hand tools only.
Tooling: pp. 116–145 *Die Selector Chart: pp.146–153*