

Compression Connections

Copper Compression
Color-Coded Parallel Splice

TYPE YSCM (Continued)



Catalog Number	Conductor Range Cable Circular Mils	Dimensions Inches [mm]		Color Code	Die Index	Recommended Installation Tooling		Wire Strip Length
		L ±.03	O.D. ±.01			OUR840, 500, 600 Series	35, 750 Series	
YSCM17	13,060 - 16,910	0.50 [13]	0.27 [7]	Red	49	X8CRT, W8CRT	U8CRT	11/16
YSCM27	16,910 - 26,890	0.50 [13]	0.31 [8]	Blue	7	X5CRT, W5CRT	U5CRT	11/16
YSCM42	29,970 - 41,520	0.50 [13]	0.38 [10]	Gray	8	X4CRT, W4CRT	U4CRT	11/16
YSCM66	42,750 - 66,040	0.62 [16]	0.47 [12]	Brown	10	X2CRT, W2CRT	U2CRT	3/4
YSCM80	67,980 - 80,020	0.62 [16]	0.52 [13]	Green	11	X1CRT, W1CRT-1	U1CRT-1	3/4
YSCM104	82,870 - 103,630	0.69 [18]	0.57 [14]	Pink	12	X25RT, W25RT	U25RT	15/16
YSCM133	104,960 - 133,220	0.81 [21]	0.64 [16]	Black	13	X26RT, W26RT	U26RT	1-1/16
YSCM167	134,340 - 166,560	0.81 [21]	0.70 [18]	Orange	14	X27RT, W27RT	U27RT	1-1/16
YSCM212	167,380 - 211,820	0.88 [22]	0.78 [20]	Purple	15	X28RT, W28RT	U28RT	1-1/16
YSCM231	- 230,800	1.05 [27]	0.81 [21]	Yellow	16	X29RT, W29RT	U29RT	1-1/16

Notes:

1. Material: Copper per ASTM B75.
 2. Finish: Tin plated. For nickel plating, add suffix "NK" to the Catalog Number.
- † Recommended strip length. Strip length dependant on size, no. of wires and insulation thickness.
- ‡ Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.
- * YSCM231 can also be installed with MY293 and retain Listings.

Add the circular mils of the wires you wish to splice; that sum would be used to determine the correct splice using the Min/Max on the table above.

The table to the right is for reference only.

Circular Mil Table per ASTM B8			
Size		ASTM Strandings	
Circular Mils	AWG	Class	Cable Diameter (in)
1,022	20	B	0.036
1,624	18	B	0.045
2,583	16	B	0.057
4,107	14	B	0.072
6,530	12	B	0.091
10,380	10	B	0.116
13,090	9	B	0.130
16,510	8	B	0.146
20,820	7	B	0.164
26,250	6	B	0.184
33,100	5	B	0.206
41,740	4	AA	0.254
41,740	4	B&A	0.232
52,630	3	AA	0.285
52,630	3	B&A	0.260
66,370	2	AA	0.320
66,370	2	B&A	0.292
83,690	1	AA	0.360
83,690	1	A	0.328
83,690	1	B	0.332
105,500	1/0	A&A	0.368
105,500	1/0	—	0.390
105,500	1/0	B	0.373
133,100	2/0	A&A	0.414
133,100	2/0	—	0.438
133,100	2/0	B	0.419
167,800	3/0	A&A	0.464
167,800	3/0	—	0.492
167,800	3/0	B	0.470
211,600	4/0	A&A	0.522
211,600	4/0	—	0.522
211,600	4/0	B	0.528