

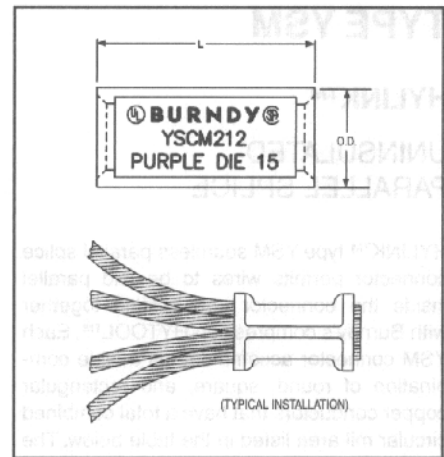
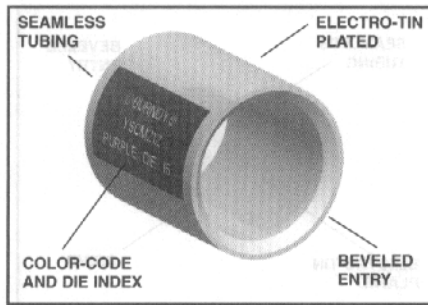
BURNDY® Products FCI

Compression

TYPE YSCM

HYLINK™

COLOR-CODED UNINSULATED PARALLEL SPLICE



Type YSCM HYLINK™ seamless parallel splice connectors permit stranded wires to be laid parallel inside the connector and spliced together with BURNDY® compression tools. Each YSCM connector accommodates a wide range of conductors and is color-coded to ensure proper tool and die match. YSCM connectors are UL 486A Listed for applications up to 600V and CSA Listed.

B-44

CATALOG NUMBER	CONDUCTOR RANGE CABLE ⑤		DIMENSIONS INCH [mm]		COLOR CODE	DIE INDEX	RECOMMENDED INSTALLATION TOOLING		WIRE STRIP ④ LENGTH
	MIN.	MAX.	L ±.03	O.D. ±.01			OUR840, Y500CTS, BCT500HS SERIES	Y35, Y750, BAT35, BAT750, PAT750 SERIES	
YSCM17	13,060	16,910	.50 [13]	.27 [7]	Red	49	X8CRT, W8CRT	U8CRT	11/16"
YSCM27	16,910	26,890	.50 [13]	.31 [8]	Blue	7	X5CRT, W5CRT	U5CRT	11/16"
YSCM42	29,970	41,520	.50 [13]	.38 [10]	Gray	8	X4CRT, W4CRT	U4CRT	11/16"
YSCM66	42,750	66,040	.62 [16]	.47 [12]	Brown	10	X2CRT, W2CRT	U2CRT	3/4"
YSCM80	67,980	80,020	.62 [16]	.52 [13]	Green	11	X1CRT, W1CRT	U1CRT-1	3/4"
YSCM104	82,870	103,630	.69 [18]	.57 [14]	Pink	12	X25RT, W25RT	U25RT	15/16"
YSCM133	104,960	133,220	.81 [21]	.64 [16]	Black	13	X26RT, W26RT	U26RT	1-1/16"
YSCM167	134,340	166,560	.81 [21]	.70 [18]	Orange	14	X27RT, W27RT	U27RT	1-1/16"
YSCM212	167,380	211,820	.88 [22]	.78 [20]	Purple	15	X28RT, W28RT	U28RT	1-1/16"
YSCM231	—	230,800	1.05 [27]	.81 [21]	Yellow	16	X29RT, W29RT	U29RT	1-1/16"

SIZE		ASTM STRANDINGS		CABLE DIAMETER INCHES
STRANDED		CLASS		
CIRCULAR MILS	AWG			
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

SIZE		ASTM STRANDINGS		CABLE DIAMETER INCHES
STRANDED		CLASS		
CIRCULAR MILS	AWG			
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

- Material: Copper per ASTM B75.
- Finish: Tin plated. For nickel plating, add suffix "NK" to the Catalog Number.
- Dimensions in brackets [] are in millimeters rounded off to the nearest millimeter, unless otherwise noted, and are for reference only.

④ Recommended strip length. Strip length dependant on size, no. of wires and insulation thickness.

⑤ Refer to Circular Mil Table per ASTM B8 for total Class B Circular Mil calculations.