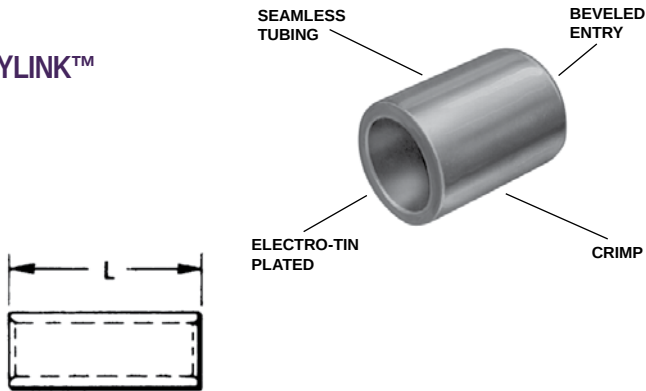


TYPE YSM

HYLINK™



HYLINK™ Type YSM seamless parallel splice connector permits wires to be laid parallel inside the connector and spliced together with the BURNDY family of HYTOOL™ installation tooling. Each YSM connector accommodates a wide combination of round, square, and rectangular copper conductors that have a total combined circular mil area listed in the table below. The conductors to be spliced must physically fit within the splice without being forced.

Features & Benefits

- Seamless tubing
- Beveled barrel for ease of wire entry
- Tin plated
- Parallel design results in only one crimp necessary
- Uninsulated barrel provides an economical termination solution when insulation is not specified

Catalog Number	Circular Mil. Range	Dim. L	Installation Tooling						Wire Strip Length
			Ratchet	Mechanical HYTOOL™	Y29 Series		35, 750 Series		
					Nest	Indentor	Nest	Indentor	
YSM18	300 - 1,909	0.25	MR89Q* Y14MRQ	—	—	—	—	5/16	
YSM14	477 - 4,107	0.25	Y8MRB1	—	—	—	—	5/16	
YSM10	4,107 - 10,380	0.36	MR89Q* MR4CQ Y10MRQ Y8MRB1	—	—	—	—	7/16	
YSM8C	6,088 - 16,864	0.41	Y2MR MR4CQ MR89Q*	MY2911 or MY28 (1) Crimp	DV8L-1	Y29PQ	UV8L	Y29PQ	1/2
YSM6C	10,380 - 26,813	0.44	Y2MR		DV6L	Y29PQ	UV6L	Y29PQ	1/2
YSM4C	26,813 - 42,613	0.50	MR4CQ		DV4L	Y29PQ	UV4L	Y29PQ	9/16
YSM2C	42,613 - 66,832	0.62	Y2MR		DV2L	Y29PQ	UV2L	Y29PQ	11/16
YSM1C	66,832 - 81,807	0.62	—		DV1L	Y29PQ	UV1L	Y29PQ	11/16
YSM25	81,807 - 104,110	0.69	—		DV25L	Y29PQ6	UV25L	Y29PQ6	3/4
YSM26	104,110 - 133,650	0.81	—		DV26L	Y29PQ6	UV26L	Y29PQ6	7/8
YSM27	133,650 - 167,332	0.81	—		DV27L	Y29PQ6	UV27L	Y29PQ6	7/8
YSM28	167,332 - 211,954	0.88	—		DV28L	Y29PQ6	UV28L	Y29PQ6	5/16

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)
30	100.5	0.010003	0.012
29	126.7	0.01126	—
28	159.8	0.01264	0.015
27	201.5	0.01420	—
26	254.1	0.01594	0.019
25	320.4	0.01790	—
24	404.0	0.02010	0.024
23	509.5	0.02257	—
22	642.4	0.02535	0.030
21	810.1	0.02845	—
20	1022	0.03196	0.038
19	1288	0.03589	—
18	1624	0.04030	0.0460
17	2048	0.04526	—
16	2583	0.05082	0.0585
15	3257	0.05707	—
14	4107	0.06408	0.0735

Wire Size	Area Cir. Mils.	Solid Wire Dia. (In.)	Concentric Str. Max. Dia. (In.)	Flex. Bunch or Rope Lay Dia. (In Approx.)
13	5178	0.07196	—	—
12	6530	0.08081	0.0931	0.101
11	8234	0.09074	—	—
10	10380	0.1019	0.117	0.126
9	13090	0.1144	0.132	0.146
8	16510	0.1285	0.148	0.157 - 0.162
7	20820	0.1433	0.166	0.179 - 0.196
6	26250	0.1620	0.186	0.207 - 0.215
5	33100	0.1819	0.209	0.235 - 0.240
4	41740	0.2043	0.235	0.263 - 0.269
3	52640	0.2294	0.264	0.219 - 0.305
2	66370	0.2576	0.297	0.319 - 0.337
1	83690	0.2893	0.333	0.367 - 0.376
1/0	105500	0.3249	0.374	0.441 - 0.423
2/0	133100	0.3648	0.420	0.500 - 0.508
3/0	167800	0.4096	0.472	0.549 - 0.576
4/0	211600	0.4600	0.530	0.613 - 0.645