

Compression Connections

Copper — Code
Long Barrel Splice

TYPE YS

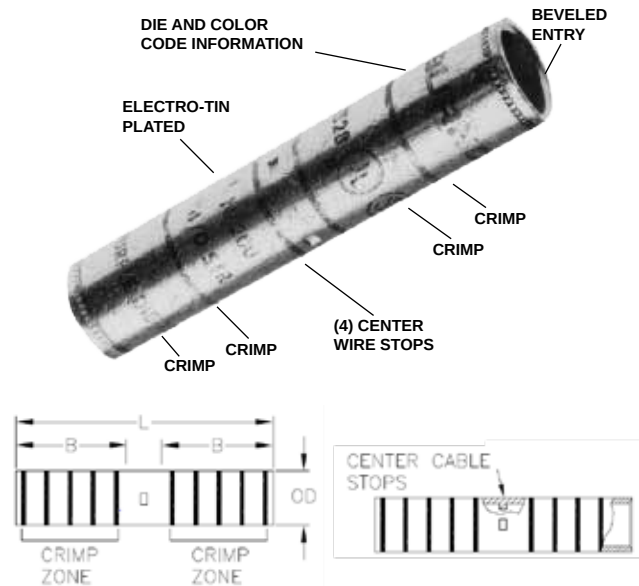
HYLINK™ Splice, Long Barrel

UL Listed 90° C, Up to 35 kV ♦



Features & Benefits

- Copper seamless barrel has center stop indentations used to indicate when wire is fully inserted into each side of the barrel
- Barrel is designed with an internal chamfer at the wire entry to ensure smooth insertion of the wire,
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Barrel is color coded to ensure proper die and installation tooling is selected
- Long barrel allows for an increased number of crimps which will increase the mechanical strength of the connection
- Terminals and splices accommodating code wire: Accommodates Code Class B (Concentric, Compressed, Compact) and Class C wire



Catalog Number	Conductor		Outside Diameter (O.D.)	Dimensions		Installation Tooling ▲							Wire Strip Length
	Code (B, C)	mm²		L	B	Dieless (# of crimps)	Mechanical			35 ■, 750, 46* Series		▲ Die Index	
							Y1MRTC	MD734R	MD6 OUR840	Die Number (# crimps)	Color Code		
YS8C	8 AWG	10	0.27	1.75	0.78	81K Series (1)	Y1MRTC (2)	W8CVT (2)	X8CRT (2)	U8CRT (2)	Red	49	7/8
YS6C	6 AWG	—	0.29	2.38	1.09			W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7	1-3/16
YS5C	5 AWG	16	0.30	2.55	1.09			W5CVT (2)	X5CRT (2)	U5CRT (2)	Blue	7	1-3/16
YS4C	4 AWG	—	0.34	2.55	1.09		Y1MRTC (4)	W4CVT (2)	X4CRT (2)	U4CRT (2)	Gray	8	1-3/16
YS3C	3 AWG / 2 Sol	25	0.38	2.80	1.22	—		W3CRT (2)	—	White	9	1-5/16	
YS2C	2 AWG	35	0.42	2.82	1.22	W2CVT (2)		X2CRT (2)	U2CRT (2)	Brown	10	1-5/16	
YS1C	1 AWG	50	0.46	3.07	1.34	W1CVT (2)		X1CRT1 (2)	U1CRT1 (2)	Green	11	1-7/16	
YS25	1/0 AWG	—	0.51	3.08	1.34	—		W25VT (4)	X25RT (4)	U25RT (2)	Pink	12	1-7/16
YS26	2/0 AWG	70	0.56	3.30	1.45	—		W26VT (4)	X26RT (4)	U26RT (2)	Black	13	1-9/16
YS27	3/0 AWG	—	0.62	3.30	1.45	—		W27VT (4)	X27RT (4)	U27RT (2)	Orange	14	1-9/16
YS28	4/0 AWG	—	0.69	3.57	1.58	—		W28VT (4)	X28RT (4)	U28RT (2)	Purple	15	1-11/16
YS29	250 kcmil	120	0.75	3.58	1.58	81K Series (2)	—	W29VT (4)	—	U29RT (2)	Yellow	16	1-11/16
YS30	300 kcmil	150	0.81	4.34	1.95		—	W30VT (4)	—	U30RT (4)	White	17	2-1/16
YS31	350 kcmil	185	0.88	4.35	1.95		—	W31VT (4)	—	U31RT (4)	Red	18	2-1/16
YS32	400 kcmil	—	0.95	4.62	2.08		—	W32VT (4)	—	U32RT (4)	Blue	19	2-3/16
YS34	500 kcmil	240	1.06	4.91	2.20	81K Series (3)	—	W34VT (4)	—	U34RT (4)	Brown	20	2-5/16
YS36	600 kcmil	300	1.18	5.85	2.63		—	—	—	U36RT (4)	Green	22	2-3/4
YS39	750 kcmil	—	1.30	6.38	2.81		—	—	—	U39RT (4)	Black	24	2-15/16
YS44	1000 kcmil	500	1.49	6.55	2.94		—	—	—	P44RT (6)	White	27	3-1/16
YS46	1500 kcmil	—	1.84	7.01	3.13	—	—	—	P46RT (6)	Green	31	3-1/4	
YS48	2000 kcmil	—	2.12	7.57	3.27	—	—	—	† L48RT (4)	Brown	34	3-3/8	

♦ Not color coded.

* Use PUADP1 adapter with U dies in 46 Series.

** P44RT for use with 46 Series tooling only. PUADP1 adapter not required.

*** The MM² conductor sizes listed are the recommendations for Class 2 conductor.

■ The maximum size for the Y35 is 400 kcmil.

▲ See tooling section of this catalog for complete tool and die listings

♦ For applications greater than 2000 Volts consult cable manufacturer for voltage stress relief instructions.

† Requires 60 Ton Series with L48RT die set.

Note: All dimensions shown are for reference only.