

C-120

TYPE YS-A

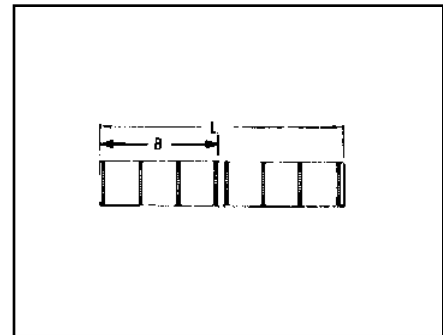
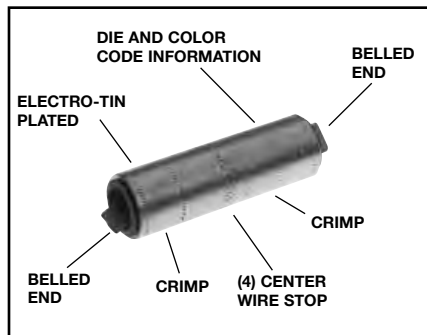
HYLINK™

UNINSULATED ALUMINUM COMPRESSION SPLICE

UL Listed 90° C,
600 Volts to 35 kV◆

Type YS-A is a high-conductivity aluminum tin-plated compression butt splice for use on all combinations of aluminum to aluminum, aluminum to copper, and copper to copper conductor combinations.

They are designed to accommodate conductors from #12 str. through 1,000 kcmil in standard and heavy duty applications. Prefilled with PENETROX™ oxide inhibiting compounds and assembled with color-coded end caps, the connectors provide a permanent trouble-free electrical splice with flexibility and low installed cost.



Features and Benefits

- Manufactured from high-conductivity wrought aluminum with heavy duty wall thickness.
 - ◇ Provides high-conductivity/low resistance and ductility for an excellent combination of electrical and crimp forming properties.
- Electro-tin plated.
 - ◇ Provides durable long lasting corrosion resistance.
- Internally bevelled barrel.
 - ◇ Provides easy cable entry.
- Solid center stop and prefilled with PENETROX™ oxide inhibiting compound.
 - ◇ Provides stop for proper conductor insertion and an aid in forcing the PENETROX™ between the individual wire strands.
- Color-coded end caps.
 - ◇ Provides easy wire size and die code identification plus prevents foreign materials from entering and contaminating the connector prior to usage.
- Connector is clearly marked with wire size, die index and the proper number and location of crimps.
 - ◇ Provides easy identification and tooling recommendation. Proper compression forms a homogeneous mass resulting in an excellent electrical connection.

Catalog Number	Code • Conductor	Dimensions		Installation Tooling ▲					Wire Strip Length
				Dieless (# of crimps/end)		Y35, ■ Y39, Y750, Y46*		Die Index & Embossment ▲	
						Die Number (# of crimps per end)	Color Code		
		Mechanical HYTOOL™	Hydraulic HYPRESS™						
YS12AG1 ‡	#12 Str.	.39	1.03	Ratchet: MR8-27 (1)	—	—	①	—	5/8"
YS10WAG1 ‡	#10 Str.	.44	1.12						
YS8CA1	8 Str.	.59	1.44	MY29-3 (1) MRC840AL (1)	Y644HS (1)	U8CABT (1)	Blue	374	5/8"
YS6CA1	6 Str.	.72	1.70		Y81KFT (1)	U6CABT (1)	Gray	346	3/4"
YS4CA1	4 Str.	.86	1.97		Y81KFTMBH (1) PAT81KFT-18V (1)	U4CABT (1)	Green	375	7/8"
YS2CA1	2 Str.	1.09	2.44	MY29-3 (1) MRC840AL (1)	Y644HS (1) Y81KFT (2)	U2CABT (1)	Pink	348	1-1/8"
YS1CA1	1 Str.	.90	2.05		Y81KFTMBH (2)	U1CART (1)	Gold	471	15/16"
YS25A1	1/0 Str.	1.06	2.37		PAT81KFT-18V (2)	U25ART (1)	Tan	296	1-1/16"

◆ See tooling section of this catalog for complete tool and die listing.

① No color code assigned.

‡ UL Listed for Aluminum only. Not CSA Certified.

* Use PUADP-1 adaptor with U dies in Y46 HYPRESS™.

■ The largest size for the Y35 is 400 kcmil.

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

• Also accommodates compressed and compact conductors (except for 700 kcmil in 750 kcmil barrel).

Note: All dimensions shown are for reference only.

Blue highlighted items are industry standard and most frequently ordered.