

### TYPE YS-AT

### HIGH VOLTAGE UNINSULATED ALUMINUM COMPRESSION SPLICE

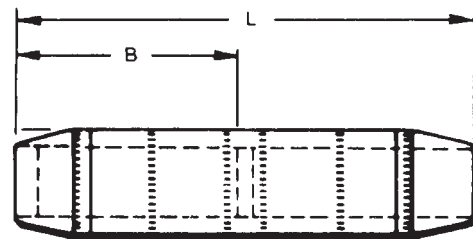
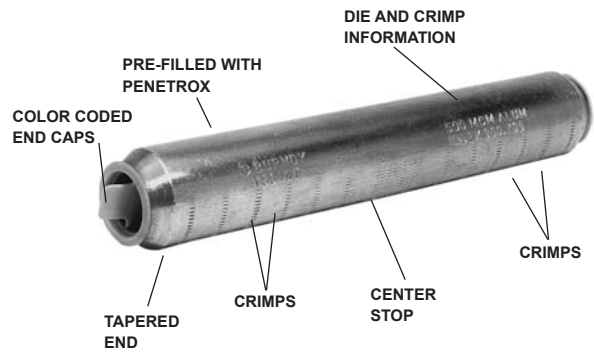
C-210

Type YS-AT is a high-conductivity aluminum electro-tin plated compression butt splice with tapered ends for high voltage applications up to 35 kV.

The YS-AT provides the same benefits as the YS-A with the addition of tapered ends for easy installation of high voltage insulating kits. Tapered ends aid in preventing corona emission and insulation breakdown. Recommended for high voltage splice applications.

#### Features & Benefits

- Aluminum splices are dual rated to accommodate both copper and aluminum wire and are indicated with AL-CU on the connector
  - AL9CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 90°C, up to 35kV
  - AL7CU indicates the terminal can accommodate aluminum and copper wire and is UL Listed 75°C, up to 35kV
- Barrel is designed with a taper on both ends for applications through 35kV; permits easy taping and aids in preventing corona emissions and insulation breakdown
- Barrel also features an internal chamfer at the wire entry to ensure smooth insertion of the wire, preventing possible damaging of the wire strands during insertion
- Electro-tin plated unless otherwise specified to reduce galvanic corrosion (bimetallic) and resist corrosive elements
- Connectors are clearly marked with crimp band locations
- Factory pre-filled with PENETROX™ A13 oxide inhibitor
- End caps are factory inserted in the barrels to match the die color code; prevent foreign materials from entering the barrel
- Aluminum oxidation is not easily detected but causes resistance in a connection so it is imperative that the proper preparation takes place prior to making an aluminum-to-aluminum connection



Catalog Number	• † Code Conductor	Dimensions		Installation Tooling ▲				Wire Strip Length
		B	L	Die Number	Y35, ■ Y39, Y750, Y46*	Color Code	Die Index & Embossment ▲	
YS2CAT	2str.	1.58	4.00	U2CABT	2	Pink	348	2 1/4
YS25AT	1/0 str.	1.96	4.73	U25ART	2	Tan	296	2 5/8
YS26AT	2/0 str.	1.83	4.29	U26ART	3	Olive	297	2 3/8
YS27AT	3/0 str.	2.04	4.69	U27ART	3	Ruby	467	2 5/8
YS28AT	4/0 str.	2.16	5.05	U28ART	3	White	298	2 3/4
YS29AT	250 kcmil	2.29	5.37	U29ART	3	Red	324	2 7/8
YS30AT	300 kcmil	2.54	5.91	U30ART	3	Blue	470	3 1/8
YS31AT	350 kcmil	2.68	6.23	U31ART	3	Brown	299	3 3/8
YS34AT	500 kcmil	3.39	7.79	U34ART	6	Pink	300	4 1/8
YS39AT	700/750 kcmil • 900 Compact AL ▼	3.69	8.57	P39ART**	6	Red	301	4 1/2
YS44AT	1000 kcmil 900 Compact AL ▼	3.77	9.69	P44ART**	6	Brown	302	4 3/4

† Contact BURNDY® for conductor sizes not shown.

\* Use PUADP-1 adapter for U dies.

\*\* P39ART and P44ART for use with Y46 HYPRESS™ only. PUADP-1 adapter not required.

■ The maximum size for the Y35 is 400 kcmil.

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

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

▼ Tested with Y644HSXT and PAT644XT-18V dieless tools only and not UL Listed with any tool on 900 Compact AL.

Note: All dimensions shown are for reference only.