



## YS42A1, Compression Splice, 900 kcmil AL, AL9CU

By Burndy  
Catalog # [YS42A1](#)



AL Splice, AL9CU, Internal Chamfer, Tin Plated, Prefilled PENETROX™ A13 oxide inhibitor, End Cap, UL/CSA, 90°C, Up to 35kV, Color Code, Die Index.

### Features

- Aluminum splices are dual rated to accommodate both copper and aluminum wire
- 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
- Clearly marked with wire size, die index, color code, and crimp location bands
- Factory pre-filled with PENETROX™ Type A13 oxide inhibitor
- Color coded end caps inserted in the barrels to match the die color code and prevent foreign materials from entering the barrel

### Application

Wire Splice

### General

Catalog Number	YS42A1
Color Code	Gray
Connector Type	DUAL RATED
Die Index	303
EU RoHS Indicator	Yes
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Finish Type	Tin-Plated
Material	ALUMINUM
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	SPLICES, HYSPLICE
Temperature Rating	194
Trade Name	HYLINK™
Type	YSA
UPC	781810637135
UPC 14 Digit GTIN	00781810637135

### Dimensions

Dimension - B Length inch	2.50 in
Dimension - L Length Overall mm	134 mm
Dimension - Length Overall inch	5.26 in

Dimension - Strip Length inch	2-7/8 in
Length	5.29 in
Outside Diameter	1.5 in

### Electrical Ratings

Voltage - Maximum	35000
Voltage Rating	35 kV

### Conductor Related

Conductor - AL Str Size	900 KCMIL
Conductor - AL Str Size Range	900 kcmil
Conductor - Copper Str Size	600 KCMIL
Conductor - Copper Str Size Range	900 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	900 KCMIL
Conductor Type	CODE
Wire Size	900 KCMIL

### Certifications And Compliance

Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance	CM
Status	
UL Listed	Yes

### Logistics

Carton Quantity	3
Minimum Pack Quantity	1

### Product Assets

[Catalogs - BURNDY Master Catalog - Section C - Compression Connections](#)  
[Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog](#)  
[Customer Notices - Prop 65 Notice](#)  
[Interactive Catalog - BURNDY Full-Line Digital Catalog](#)



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