



## YS27A1

by Burndy  
Catalog ID: YS27A1

Prop 65 Notice

Aluminum Compression Splice, 3/0 AWG, 2.88" Splice Length, Long Barrel, Belled End, Tin Plated.

Features: 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 ThePENETROX 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, Designed To Accommodate Conductors From 12 Stranded Through 1,000 KCMIL In Standard And Heavy Duty Applications, Tools, Die Set Catalog Number, And (number Of Crimps): Y35, Y39, Y750, Y46, Y60BHU Tool, U27ART Die, (2), Die Index: 467 Element A, Color Code: Ruby, Dieless Tools (number Of Crimps): Mechanical HYTOOL: MY29-3, MRC840AL Tool, (2), Hydraulic HYPRESS: Y644HS Tool, (1), Y81KFT, Y81KFTMBH, PAT81KFT-18V Tool, (2), Wire Strip Length: 1-1/2 IN

## Product Details

### General

Application	For Use On All Combinations Of Aluminum To Aluminum, Aluminum To Copper, And Copper To Copper Conductor Combinations
Color Code	Ruby
Connector Type	Splice
Die Index	467
Feature - Barrel Style	Chamfered
Feature - Barrel Type	Long
Material	Aluminum
Plated	Y
Plating Type	Tin - Electro Plated
Sub Brand	HYLINK
Temperature Rating	194
Trade Name	HYLINK™
Type	YS-A, Standard Barrel
UPC	781810757208
UPC 12 Digit	7818107572088

### Dimensions

Dimension - B Length fraction	1-5/16 in
Dimension - B Length inch	1.31 in

Dimension - L Length Overall mm	73 mm
Dimension - Length Overall inch	2.88 in
Dimension - Outside Diameter inch	0.76 in
Dimension - Strip Length inch	1-1/2 in
Length	2.88 in
Outside Diameter	0.76 in

### Electrical Ratings

Rating - KVA	35 kV
Rating - Minimum Voltage	600
Voltage - Maximum	35000

### Conductor Related

Conductor - AL Str Size	3/0 AWG
Conductor - AL Str Size Range	3/0 AWG
Conductor - Copper Str Compact Size	3/0
Conductor - Copper Str Size	3/0 AWG
Conductor - Copper Str Size Range	3/0 AWG

### 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 Status	CM
UL Listed	Yes

### Logistics

Minimum Pack Quantity	1
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### For further technical assistance, please contact us

**BURNDY Headquarters**  
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Manchester, New Hampshire 03109

**Customer Service Hours:**  
8 AM - 8 PM Eastern Monday-Friday  
Emergency Service 24-hours/365 Days  
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