



## AYP500, Compression Pin Adapter, 500 kcmil, .68" Pin Dia, AL9CU

By Burndy  
Catalog # [AYP500](#)

500 kcmil, Aluminum, Termination, 0.68 Inch Pin Dia, 1.60 Inch Pin Length, AL9CU



### Features

- All-aluminum electro-tin plated design eliminates possible bi-metallic corrosion
- Provides the shortest connector length design possible permitting easy installation in equipment with limited working space
- Solid electro-tin plated aluminum plug
- Proper electrical connection made easily and eliminates the "how tight is tight" issue
- Solid plug has equivalent cross-sectional area as current carrying equivalent copper wire permitting use of larger aluminum wire to connect equipment
- Offset plug design available in sizes 2/0 through 750 kcmil providing flexibility and maximizing the use of limited space while eliminating interference between conductors and equipment
- Electro-tin plating resists corrosion
- Factory pre-filled with PENETROX oxide inhibiting compound with conductive metallic particles to penetrate aluminum oxide between strands and forms an air-tight connection
- EPDM rubber covers supplied with each connector and rated for 600V eliminating taping
- Only 5 die sets are required to install the complete line from #6 to 750 kcmil reducing inventory requirements
- Supplied in plastic convenience pack so cover and connector are kept together and free of foreign material until opened
- Connectors are clearly marked with catalog number, wire size, along with a color-coded die index providing clear, easy to use information

### Application

Wire Termination

### Specifications

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

UL Listed Yes

### Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	500 KCMIL
Conductor - Copper Str Size	500 KCMIL
Conductor - Copper Flex I Size Range	500 kcmil
Conductor - AL Str Size	500 KCMIL
Conductor - AL Str Size Range	500 kcmil
Conductor - Copper Str	500 KCMIL
Compact Size	
Conductor - Copper DLO Size	373 KCMIL
Conductor - Copper DLO Size Range	373 kcmil
Conductor Size	500 KCMIL
Conductor - Copper Str Size Range	500 kcmil
Conductor Type	CODE/FLEX
Conductor - Copper Flex I Size	500 KCMIL

### Configuration

Physical Attribute - Number of Crimps Required	2
Connector Type	INLINE PIN

### Current

Voltage - Maximum	35000 V
Voltage Rating	35 kV

### Dimensions

Dimension - L Length Overall	78 mm
Dimension - P inch	1.60 in
Dimension - Strip Length inch	1-1/8
Width	1.31 in
Dimension - A Outside	1.31 in
Diameter inch	
Dimension - B Length fraction	1-1/16 in
Dimension - B Outside	0.68 in
Diameter inch	
Dimension - B Length inch	1.07 in
Length	3.08 in
Equivalent Pin Size	350 kcmil

Dimension - Length Overall 3.08 in  
inch  
Height 1.31 in  
Dimensions 3.08 in x 1.31 in x 1.31 in

### General

Die Index 300  
Insulation Type EPDM Rubber  
Trade Name HYPLUG™  
Insulation Y  
Sub Brand HYPLUG  
Terminal Type Pin  
Color Code Pink  
Pin Type Solid  
Plated Y  
Type Aluminum Pin Adapters  
UPC 12 Digit 781810737743

UPC 14 Digit GTIN 00781810737743  
Material ALUMINUM  
Plating Type Tin  
Finish Type Tin-Plated  
UPC 781810737743

### Logistics

Minimum Pack Quantity 1  
Carton Quantity 10  
Pallet Quantity 2960

### Operational

Temperature Rating 194

### Product Assets

[Catalog \[English\]](#)



A Hubbell brand