



## AYPO300, Compression Pin Adapter, 300 kcmil, .53" Pin Dia, 1.34" Pin Length, AL9CU

By Burndy  
Catalog # [AYPO300](#)

300 kcmil, Aluminum, Termination, 0.53 Inch Pin Dia, 1.34 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             | Contact Manufacturer |
| Certification - cULus              | No                   |
| EU RoHS Indicator                  | Yes                  |
| Certification - UL Recognized      | No                   |
| Industry Standard(s)               | UL 486A-486B         |
| Buy America(n) Qualified           | Contact Manufacturer |
| 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                            | 300 KCMIL         |
| Conductor - Copper Str Size          | 300 KCMIL         |
| Conductor - Copper Flex I Size Range | 250 kcmil         |
| Conductor - AL Str Size              | 300 KCMIL         |
| Conductor - AL Str Size Range        | 300 kcmil         |
| Conductor - Copper Str               | 300 KCMIL         |
| Conductor - Compact Size             |                   |
| Conductor - Copper DLO Size          | 262 KCMIL         |
| Conductor - Copper DLO Size Range    | 262 kcmil         |
| Conductor Size                       | 300 KCMIL         |
| Conductor - Copper Str Size Range    | 300 kcmil         |
| Conductor Type                       | CODE/FLEX         |
| Conductor - Copper Flex I Size       | 300 KCMIL         |

### Configuration

|  |            |
|--|------------|
| Physical Attribute - Number of Crimps Required | 2          |
| Connector Type                                 | OFFSET PIN |

### Current

|                   |         |
|-------------------|---------|
| Voltage - Maximum | 35000 V |
| Voltage Rating    | 35 kV   |

### Dimensions

|                               |           |
|-------------------------------|-----------|
| Dimension - L Length Overall  | 78 mm     |
| Dimension - P inch            | 1.34 in   |
| Dimension - Strip Length inch | 1-1/8 in  |
| Width                         | 1.1 in    |
| Dimension - A Outside         | 1.10 in   |
| Diameter inch                 |           |
| Dimension - B Length fraction | 1-1/16 in |
| Dimension - B Outside         | 0.53 in   |
| Diameter inch                 |           |
| Dimension - B Length inch     | 1.07 in   |
| Length                        | 3.08 in   |
| Equivalent Pin Size           | 4/0 AWG   |

Dimension - Length Overall 3.08 in  
inch  
Height 1.1 in  
Dimensions 3.08 in x 1.1 in x 1.1 in

### General

Die Index 299  
Insulation Type Rubber  
Trade Name HYPLUG™  
Insulation Y  
Sub Brand HYPLUG  
Terminal Type Pin  
Color Code Brown  
Pin Type Solid  
Plated Y  
Type Aluminum Pin Adapters  
UPC 12 Digit 781810738429

UPC 14 Digit GTIN 00781810738429  
Material ALUMINUM  
Plating Type Tin  
Finish Type Tin-Plated  
UPC 781810738429

### Logistics

Minimum Pack Quantity 1  
Carton Quantity 10  
Pallet Quantity 2960

### Operational

Temperature Rating 194

### Product Assets

[Catalog \[English\]](#)



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