

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

By Burndy  
Catalog # AYPO300



Aluminum Compression Pin Adapter, 300 kcmil, 0.53" Plug Dia, 1.34" Plug Length, Al/Cu Rated, Tin Plated.

### 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

### General

Catalog Number	AYPO300
Color Code	Brown
Connector Type	OFFSET PIN
Die Index	299
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	Rubber

Material	ALUMINUM
Physical Attribute - Number of Crimps Required	2
Pin Type	Solid
Plated	Y
Plating Type	Tin
Sub Brand	HYPLUG
Temperature Rating	194
Terminal Type	Pin
Trade Name	HYPLUG™
Type	Aluminum Pin Adapters
UPC	781810738429
UPC 12 Digit	7818107384299

### Dimensions

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

### Electrical Ratings

Voltage - Maximum	35000 V
Voltage Rating	35 kV

### Conductor Related

Conductor - AL Str Size	300 KCMIL
Conductor - AL Str Size Range	300 kcmil
Conductor - Copper DLO Size	262 KCMIL
Conductor - Copper DLO Size Range	262 kcmil
Conductor - Copper Flex I Size	300 KCMIL
Conductor - Copper Flex I Size Range	250 kcmil

Conductor - Copper Str	300 KCMIL
Compact Size	
Conductor - Copper Str Size	300 KCMIL
Conductor - Copper Str Size	300 kcmil
Range	
Conductor - Material	ALUMINUM / COPPER
Conductor Size	300 KCMIL
Conductor Type	CODE/FLEX
Wire Size	300 KCMIL

### Certifications And Compliance

Buy American Compliant	Yes
Certification - CSA Approved	Yes
Certification - ETL	No
Certification - UL Recognized	No
Certification - cULus	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards	UL 486A-486B
Met	

Standards - RoHS Compliance	CM
Status	
UL Listed	Yes

### Logistics

Carton Quantity	10
Minimum Pack Quantity	1
Pallet Quantity	2960

### 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](#)
- [Sales Drawings - 50103891](#)
- [Specifications - AYPO300](#)



A Hubbell brand