



AYPO500, Compression Pin Adapter, 500 kcmil, AL9CU

By Burndy
Catalog # [AYPO500](#)

500 kcmil, Aluminum Termination, Offset Pin, .68" Pin Dia, 1.6" Pin Length

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

Certification - UL Recognized	No
Buy American Compliant	Yes
Certification - cULus	No
EU RoHS Indicator	Yes
Buy America(n) Qualified	• Buy America Compliant (All status valid till December 2026) • Buy American Act Compliant (All status valid till December 2026)



Industry Standard(s)	BABA Compliant (All status valid till December 2026)
Certification - ETL	UL 486A-486B
Standards - Industry Standards Met	No
Standards - RoHS Compliance Status	UL 486A-486B
UL Listed	CM
Certification - CSA Approved	Yes

Conductor

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

Configuration

Physical Attribute - Number of Crimps Required	4
Connector Type	OFFSET PIN

Current

Voltage Rating	35 kV
Voltage - Maximum	35000 V

Dimensions

Package Height	0.000 in
Package Weight	0.000 lb.
Package Length	0.000 in
Package Width	0.000 in
Dimension - P inch	1.60 in

Dimension - L Length Overall mm	87 mm
Width	1.31 in
Dimension - A Outside	1.31 in
Diameter inch	
Dimension - Strip Length inch	1-1/8 in
Length	3.43 in
Equivalent Pin Size	350 kcmil
Dimension - B Length fraction	1-1/16 in
Dimension - B Length inch	1.07 in
Dimension - B Outside	0.68 in
Diameter inch	
Height	1.31 in
Dimension - Length Overall inch	3.43 in
Dimensions	3.43 in x 1.31 in x 1.31 in

General

Insulation Type	Rubber
Trade Name	HYPLUG™
Die Index	300
Insulation	Y
Terminal Type	Pin

Plated	Y
Color Code	Pink
Pin Type	Solid
Sub Brand	HYPLUG
UPC	781810738481
Type	Aluminum Pin Adapters
Material	Aluminum
Plating Type	Tin
Finish Type	Tin-Plated
UPC 12 Digit	781810738481
UPC 14 Digit GTIN	00781810738481

Logistics

Minimum Pack Quantity	1
Pallet Quantity	2960
Carton Quantity	10

Operational

Temperature Rating	194
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Product Assets

[Catalog \[English\]](#)

