



AYP500, Compression Pin Adapter, 500 kcmil, AL9CU

By Burndy
Catalog # [AYP500](#)



500 kcmil, Aluminum Termination, Straight 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
Certification - cULus	No
EU RoHS Indicator	Yes
Industry Standard(s)	UL 486A-486B
Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance	CM
Status	
UL Listed	Yes
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	2
Connector Type	INLINE 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	78 mm
Width	1.31 in
Dimension - A Outside Diameter inch	1.31 in
Dimension - Strip Length inch	1-1/8
Equivalent Pin Size	350 kcmil
Length	3.08 in
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	3.08 in
inch	
Dimensions	3.08 in x 1.31 in x 1.31 in

General

Insulation Type	EPDM Rubber
Trade Name	HYPLUG™
Die Index	300
Insulation	Y
Terminal Type	Pin
Plated	Y
Color Code	Pink
Pin Type	Solid
Sub Brand	HYPLUG

UPC	781810737743
Type	Aluminum Pin Adapters
Material	ALUMINUM
Plating Type	Tin
Finish Type	Tin-Plated
UPC 12 Digit	781810737743
UPC 14 Digit GTIN	00781810737743

Logistics

Pallet Quantity	2960
Carton Quantity	10

Operational

Temperature Rating	194
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Product Assets

[Catalog \[English\]](#)



A Hubbell brand