



AYPO750, Compression Pin Adapter, 700/750 kcmil, AL9CU

By Burndy
Catalog # [AYPO750](#)

700/750 kcmil, Aluminum Termination, Offset Pin, .81" Pin Dia,
1.76" 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 Status	CM
UL Listed	Yes
Certification - CSA Approved	Yes



Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	750 KCMIL
Conductor - AL Str Size	750 KCMIL
Conductor - AL Str Size Range	750 kcmil
Conductor - Copper Str Size	750 KCMIL
Conductor - Copper DLO Size Range	535 kcmil
Conductor - Copper Str Compact Size	750 KCMIL
Conductor - Copper DLO Size	535 KCMIL
Conductor Size	750 KCMIL
Conductor Type	CODE/FLEX
Conductor - Copper Str Size Range	750 kcmil
Conductor - Copper Flex I Size	-

Configuration

Physical Attribute - Number of Crimps Required	3
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	1.76 in
Dimension - L Length Overall mm	106 mm
Width	1.46 in
Dimension - A Outside	1.46 in
Diameter inch	
Dimension - Strip Length inch	1-3/4 in
Equivalent Pin Size	500 kcmil
Length	4.16 in
Dimension - B Length fraction	1-5/8 in
Dimension - B Length inch	1.59 in
Dimension - B Outside	0.81 in
Diameter inch	
Height	1.46 in

Dimension - Length Overall inch	4.16 in
Dimensions	4.16 in x 1.46 in x 1.46 in

General

Insulation Type	Rubber
Trade Name	HYPLUG™
Die Index	936
Insulation	Y
Terminal Type	Pin
Plated	Y
Color Code	Yellow
Pin Type	Solid
Sub Brand	HYPLUG
UPC	781810738535
Type	Aluminum Pin Adapters

Material	ALUMINUM
Plating Type	Tin
Finish Type	Tin-Plated
UPC 12 Digit	781810738535
UPC 14 Digit GTIN	00781810738535

Logistics

Pallet Quantity	1776
Carton Quantity	6

Operational

Temperature Rating	194
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Product Assets

[Catalog \[English\]](#)

