



AYP250, 250 kcmil, AL Compression Pin Adapter, .47" Pin Dia, Al/Cu Rated

By Burndy
Catalog # [AYP250](#)



Aluminum Compression Pin Adapter, 250 kcmil, 0.47" Plug Dia, 1.22" 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

Color Code	Brown
Connector Type	INLINE PIN
Die Index	299
EU RoHS Indicator	Yes
Finish Type	Tin-Plated
Insulation	Y
Insulation Type	EPDM Rubber
Material	ALUMINUM

Physical Attribute - Number of 2
Crimps Required

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	0.47 in
Dimension - L Length Overall mm	67 mm
Dimension - Length Overall inch	2.63 in
Dimension - P inch	1.22 in
Dimension - Strip Length inch	1-1/8
Equivalent Pin Size	3/0 AWG

Electrical Ratings

Voltage - Maximum Voltage Rating	35000 V
	35 kV

Conductor Related

Conductor - AL Str Size	250 KCMIL
Conductor - AL Str Size Range	250 kcmil
Conductor - Copper DLO Size	4/0 AWG
Conductor - Copper DLO Size Range	4/0 AWG
Conductor - Copper Flex I Size	250 KCMIL
Conductor - Copper Flex I Size Range	4/0 AWG
Conductor - Copper Flex K Size	4/0 AWG
Conductor - Copper Flex K Size Range	4/0 AWG
Conductor - Copper Flex M Size	4/0 AWG
Conductor - Copper Str Compact Size	250 KCMIL
Conductor - Copper Str Size	250 KCMIL
Conductor - Copper Str Size Range	250 kcmil
Conductor - Material	ALUMINUM / COPPER
Conductor Size	250 KCMIL
Conductor Type	CODE/FLEX
Wire Size	250 KCMIL

Certifications and Compliance

Crimps Required		Certification - CSA Approved	Yes
Pin Type	Solid	Certification - ETL	No
Plated	Y	Certification - UL Recognized	No
Plating Type	Tin	Certification - cULus	No
Sub Brand	HYPLUG	Industry Standard(s)	UL 486A-486B
Temperature Rating	194	Standards - Industry Standards Met	UL 486A-486B
Terminal Type	Pin	Standards - RoHS Compliance Status	CM
Trade Name	HYPLUG™	UL Listed	Yes
Type	<ul style="list-style-type: none"> Aluminum Pin Adapters Aluminum Pin Adapters 		
UPC	781810737668		
UPC 12 Digit	7818107376688		

Logistics

Carton Quantity	10
Minimum Pack Quantity	1
Pallet Quantity	2960

Product Assets

[Customer Notices - Prop 65 Notice](#)
[Sales Drawings - 50103891](#)



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