

AYP1, Compression Pin Adapter, 1 AWG, .26" Pin Diameter, AL9CU

By Burndy
Catalog # [AYP1](#)

1 AWG, Aluminum, Termination, 0.26 Inch Pin Diameter, 0.84 Inch Pin Length, AL9CU



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
- Die Index: 296
- Color code: Tan
- Plug/Pin diameter: 0.26"
- Plug/Pin length: 0.84"
- Cover length: 1.78"

Application

Wire Termination

Specifications

Buy American Compliant	Contact Manufacturer
Certification - cULus	No
EU RoHS Indicator	Yes
Certification - UL Recognized	No
Industry Standard(s)	UL 486A-486B
Buy America(n) Qualified	Contact Manufacturer

Certification - ETL	No
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	CM
Certification - CSA Approved	Yes
UL Listed	Yes

Conductor

Conductor - Material	ALUMINUM / COPPER
Wire Size	1 AWG
Conductor - Copper Str Size	1 AWG
Conductor - Copper Flex I Size Range	1 AWG
Conductor - AL Str Size	1 AWG
Conductor - Copper Solid Size	1 AWG
Conductor - Copper Solid Size Range	1 AWG
Conductor - Copper Str Compact Size	1 AWG
Conductor - Copper DLO Size Range	1 AWG
Conductor Size	1 AWG
Conductor Type	CODE/FLEX
Conductor - Copper Flex I Size	1 AWG

Configuration

Physical Attribute - Number of Crimps Required	1
Connector Type	INLINE PIN

Current

Voltage - Maximum	35000 V
Voltage Rating	35 kV

Dimensions

Dimension - L Length Overall mm	51 mm
Dimension - P inch	0.84 in
Dimension - Strip Length inch	1-1/16
Width	0.6 in
Dimension - A Outside	0.60 in
Diameter inch	
Dimension - B Length fraction	1 in

Dimension - B Outside	0.26 in
Diameter inch	
Dimension - B Length inch	1.00 in
Length	2.01 in
Equivalent Pin Size	3 AWG
Dimension - Length Overall inch	2.01 in
Height	0.6 in
Dimensions	2.01 in x 0.6 in x 0.6 in

General

Die Index	296
Insulation Type	EPDM Rubber
Trade Name	HYPLUG™
Insulation	Y
Sub Brand	HYPLUG
Terminal Type	Pin
Color Code	Tan
Pin Type	Solid

Plated	Y
Type	Aluminum Pin Adapters
UPC 12 Digit	781810737569
UPC 14 Digit GTIN	00781810737569
Material	ALUMINUM
Plating Type	Tin
Finish Type	Tin-Plated
UPC	781810737569

Logistics

Minimum Pack Quantity	1
Carton Quantity	10
Pallet Quantity	4640

Operational

Temperature Rating	194
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Product Assets

[Catalog \[English\]](#)

