



Part Number: 39116

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11032, (1) 16 AWG (26x30) TC, PPO, 600V, 105°C

Product Description

One 16 AWG stranded (26x30) tinned copper conductor, polyphenylene oxide (PPO) insulation.

Technical Specifications

Product Overview

Suitable Applications:	Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.083 in	0.012 in

Construction and Dimensions

Stranding

Lay Length
AWM 11028 mm

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.7 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	26.0 A

Voltage

UL Voltage Rating
600 V

Temperature Range

UL Temp Rating:	105°C
Operating Temp Range:	-40°C To +105°C Dry

Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
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Standards

UL AWM Style:	AWM 11028
Military Specification:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2011-04-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
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Part Number

Plenum (Y/N):	No
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Variants

Item #	Color
39116 010100	BLACK
39116 0101000	BLACK
39116 0105000	BLACK
39116 013100	BLUE, DARK
39116 0131000	BLUE, DARK
39116 0135000	BLUE, DARK
39116 001100	BROWN
39116 0011000	BROWN
39116 0015000	BROWN
39116 008100	GRAY
39116 0081000	GRAY
39116 0085000	GRAY
39116 005100	GREEN, DARK
39116 0055000	GREEN, DARK
39116 189100	GREEN, YELLOW STRIPE
39116 1891000	GREEN, YELLOW STRIPE
39116 1895000	GREEN, YELLOW STRIPE
39116 003100	ORANGE
39116 0035000	ORANGE
39116 002100	RED
39116 0021000	RED
39116 0025000	RED
39116 0075000	VIOLET
39116 009100	WHITE
39116 0091000	WHITE
39116 0095000	WHITE
39116 004100	YELLOW
39116 0041000	YELLOW
39116 0045000	YELLOW

Notes:	Halogen-free.
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