



Part Number: 39118

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11032, (1) 18 AWG (16x30) TC, PPO, 600V, 105°C

Product Description

One 18 AWG stranded (16x30) tinned copper conductor, polyphenylene oxide (PPO) insulation.

Product Specifications

Technical Specifications

Suitable Applications:	Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers
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Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1

Total Number of Conductors:	1
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Insulation:

Material	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.012 in

Stranding:

Lay Length
AWM 11028 mm

Outerjacket 1:

Nominal Diameter

0.069 in

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR

6.5 Ohm/1000ft

Current:

Element

Max. Recommended Current [A]

Single conductor in free air @ 30C ambient

20 amps

Voltage:

UL Voltage Rating

600 Vac

Use

Safety

UL Flammability:

VW-1

Temperature Range

Operating Temp Range:

-40°C To +105°C Dry

Mechanical Characteristics

Part Number

Plenum (Y/N):

No

Standards

CA Prop 65 (CJ for Wire & Cable):

CA Prop 65 (CJ for Wire & Cable)

MII Order #39 (China RoHS):

MII Order #39 (China RoHS)

UL AWM Style:

UL Style

UL Rating:

UL Rating

EU Directive Compliance:

EU Directive 2003/11/EC (BFR)

EU CE Mark:

EU CE Mark

History

Notes:	Halogen-free.
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Product Variants

Part Number	Color	Put-Up Type	Length
39118 0011000	BROWN	Reel	1000 ft
39118 001100	BROWN	Reel	100 ft
39118 0015000	BROWN	Reel	5000 ft
39118 0021000	RED	Reel	1000 ft
39118 002100	RED	Reel	100 ft
39118 0025000	RED	Reel	5000 ft
39118 0031000	ORANGE	Reel	1000 ft
39118 003100	ORANGE	Reel	100 ft
39118 0035000	ORANGE	Reel	5000 ft
39118 0041000	YELLOW	Reel	1000 ft
39118 004100	YELLOW	Reel	100 ft
39118 0045000	YELLOW	Reel	5000 ft
39118 0051000	GREEN, DARK	Reel	1000 ft
39118 005100	GREEN, DARK	Reel	100 ft
39118 0055000	GREEN, DARK	Reel	5000 ft
39118 0071000	VIOLET	Reel	1000 ft
39118 007100	VIOLET	Reel	100 ft
39118 0075000	VIOLET	Reel	5000 ft
39118 0081000	GRAY	Reel	1000 ft
39118 008100	GRAY	Reel	100 ft
39118 0085000	GRAY	Reel	5000 ft
39118 0091000	WHITE	Reel	1000 ft
39118 009100	WHITE	Reel	100 ft
39118 0095000	WHITE	Reel	5000 ft
39118 0101000	BLACK	Reel	1000 ft
39118 010100	BLACK	Reel	100 ft
39118 0105000	BLACK	Reel	5000 ft
39118 0131000	BLUE, DARK	Reel	1000 ft
39118 013100	BLUE, DARK	Reel	100 ft
39118 0135000	BLUE, DARK	Reel	5000 ft
39118 1891000	GREEN, YELLOW STRIPE	Reel	1000 ft
39118 189100	GREEN, YELLOW STRIPE	Reel	100 ft
39118 1895000	GREEN, YELLOW STRIPE	Reel	5000 ft

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.