



**Part Number:** 39120

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11032, (1) 20 AWG (10x30) TC, PPO, 600V, 105°C

## Product Description

One 20 AWG stranded (10x30) tinned copper conductor, polyphenylene oxide (PPO) insulation.

## Product Specifications

## Technical Specifications

<b>Suitable Applications:</b>	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
20	10x30	TC - Tinned Copper	1

<b>Total Number of Conductors:</b>	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

0.0605 in

## Electrical Characteristics

### Conductor DCR:

#### Nominal Conductor DCR

9 Ohm/1000ft

### Current:

#### Element

#### Max. Recommended Current [A]

Single conductor in free air @ 30C ambient

14 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
39120 0011000	BROWN	Reel	1000 ft
39120 001100	BROWN	Reel	100 ft
39120 0015000	BROWN	Reel	5000 ft
39120 0021000	RED	Reel	1000 ft
39120 002100	RED	Reel	100 ft
39120 0025000	RED	Reel	5000 ft
39120 0031000	ORANGE	Reel	1000 ft
39120 003100	ORANGE	Reel	100 ft
39120 0035000	ORANGE	Reel	5000 ft
39120 0041000	YELLOW	Reel	1000 ft
39120 004100	YELLOW	Reel	100 ft
39120 0045000	YELLOW	Reel	5000 ft
39120 0051000	GREEN, DARK	Reel	1000 ft
39120 005100	GREEN, DARK	Reel	100 ft
39120 0055000	GREEN, DARK	Reel	5000 ft
39120 0071000	VIOLET	Reel	1000 ft
39120 007100	VIOLET	Reel	100 ft
39120 0075000	VIOLET	Reel	5000 ft
39120 0081000	GRAY	Reel	1000 ft
39120 008100	GRAY	Reel	100 ft
39120 0085000	GRAY	Reel	5000 ft
39120 0091000	WHITE	Reel	1000 ft
39120 009100	WHITE	Reel	100 ft
39120 0095000	WHITE	Reel	5000 ft
39120 0101000	BLACK	Reel	1000 ft
39120 010100	BLACK	Reel	100 ft
39120 0105000	BLACK	Reel	5000 ft
39120 0131000	BLUE, DARK	Reel	1000 ft
39120 013100	BLUE, DARK	Reel	100 ft
39120 0135000	BLUE, DARK	Reel	5000 ft

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