



**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.

## 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
20	10x30	TC - Tinned Copper	1

Conductor Count:	1
AWG Size:	20

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.0605 in	0.012 in

### Construction and Dimensions

#### Stranding

Lay Length
AWM 11028 mm

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
9 Ohm/1000ft

#### Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	14.0 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:	4.2 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, LS0H, Toxicity Testing

UL Flammability:	VW-1
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### Part Number

Plenum (Y/N):	No
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### Variants

Item #	Color	Footnote
39120 010100	BLACK	C
39120 0101000	BLACK	C
39120 0105000	BLACK	C Z
39120 013100	BLUE, DARK	C
39120 0131000	BLUE, DARK	C
39120 0135000	BLUE, DARK	C Z
39120 001100	BROWN	C
39120 0011000	BROWN	C
39120 0015000	BROWN	C Z
39120 008100	GRAY	C
39120 0085000	GRAY	C Z
39120 005100	GREEN, DARK	C
39120 0051000	GREEN, DARK	C
39120 0055000	GREEN, DARK	C Z
39120 003100	ORANGE	C
39120 0031000	ORANGE	C
39120 0035000	ORANGE	C Z
39120 002100	RED	C
39120 0021000	RED	C
39120 0025000	RED	C Z
39120 007100	VIOLET	C
39120 0071000	VIOLET	C
39120 0075000	VIOLET	C Z
39120 009100	WHITE	C
39120 0091000	WHITE	C
39120 0095000	WHITE	C Z
39120 004100	YELLOW	C
39120 0041000	YELLOW	C
39120 0045000	YELLOW	C Z

Footnote:	C - CRATE REEL PUT-UP.
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Footnote:	Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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### Product Notes

Notes:	Halogen-free.
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