



Part Number: 39112

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11032, (1) 12 AWG (65x30) TC, PPO, 600V, 105°C

[Request Sample](#)

Product Description

One 12 AWG stranded (65x30) 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
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
Conductor Size:	12 AWG

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.111 in	0.012 in

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
1.5 Ohm/1000ft

Shielding:	Unshielded
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Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	51.0 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:	21.3 lbs/1000ft
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Standards

UL AWM Style:	AWM 11028
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Military Specification:	N/A
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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
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
39112 010100	Black	C
39112 0101000	Black	C
39112 0105000	Black	C Z
39112 013100	Blue, Dark	C
39112 0131000	Blue, Dark	C
39112 0135000	Blue, Dark	C Z
39112 0011000	Brown	
39112 0015000	Brown	C Z
39112 008100	Gray	C
39112 0085000	Gray	C Z
39112 005100	Green, Dark	C
39112 0051000	Green, Dark	C
39112 0055000	Green, Dark	C Z
39112 189100	Green, Yellow Stripe	C
39112 1891000	Green, Yellow Stripe	C
39112 1895000	Green, Yellow Stripe	C Z
39112 003100	Orange	C
39112 0031000	Orange	C
39112 0035000	Orange	C Z
39112 002100	Red	C
39112 0021000	Red	C
39112 0025000	Red	C Z
39112 0075000	Violet	C Z
39112 009100	White	C
39112 0091000	White	C
39112 0095000	White	C Z
39112 0045000	Yellow	C Z

Footnote:	C - CRATE REEL PUT-UP.
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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