



Part Number: 39112

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

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
AWG Size:			12

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

Construction and Dimensions

Stranding	
Lay Length	
AWM 11028 mm	

Electrical Characteristics

Conductor DCR	
Nominal Conductor DCR	
1.5 Ohm/1000ft	

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
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
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.

Product Notes

Notes:	Halogen-free.
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