



Part Number: 39124

Hook-Up/Lead Wire PPO, 600V, 105°C AWM Style 11032, (1) 24 AWG (7x32)
TC, PPO, 600V, 105°C

Product Description

One 24 AWG stranded (7x32) 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
24	7x32	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.048 in	0.012 in

Construction and Dimensions

Stranding

Lay Length
AWM 11028 mm

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
23.75 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	8.5 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:	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
39124 010100	BLACK	C
39124 0101000	BLACK	C
39124 0105000	BLACK	C Z
39124 013100	BLUE, DARK	C
39124 0131000	BLUE, DARK	C
39124 0135000	BLUE, DARK	C Z
39124 001100	BROWN	C
39124 0011000	BROWN	C
39124 0015000	BROWN	C Z
39124 008100	GRAY	C
39124 0085000	GRAY	C Z
39124 005100	GREEN, DARK	C
39124 0051000	GREEN, DARK	C
39124 0055000	GREEN, DARK	C Z
39124 003100	ORANGE	C
39124 0035000	ORANGE	C Z
39124 002100	RED	C
39124 0021000	RED	C
39124 0025000	RED	C Z
39124 007100	VIOLET	C
39124 0071000	VIOLET	C
39124 0075000	VIOLET	C Z
39124 009100	WHITE	C
39124 0091000	WHITE	C
39124 0095000	WHITE	C Z
39124 004100	YELLOW	C
39124 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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