

Product: 39124

Lead Wire, #24 Str TC, PPO Ins, AWM 11028

Request Sample

Product Description

Low Temp Plastic Lead Wire, 24AWG (7x32) Tinned Copper, PPO Insulation, AWM 11028 600V 105C VW-1

Technical Specifications

Product Overview

Suitable Applications:	Electrical panel builders, Electrical/electronic manufacturers, Appliance manufacturers, Furniture, Computer manufacturers, Automotive companies and their sub-suppliers

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
24	7x32	TC - Tinned Copper	1

Conductor Count:	1

Insulation

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

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
24.9 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single Conductor in Free Aair @ 30C Ambient	Single conductor in free air @ 30ºC: 8.5 A

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temp Rating:	105°C
Operating Temperature Range:	-40°C To +105°C Dry

Mechanical Characteristics

Bulk Cable Weight:	2 lbs/1000ft
Min. Bend Radius During Installation:	0.2 in
Min. Bend Radius/Minor Axis:	0.12 in

Standards

UL AWM Style Compliance:	AWM 11028

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
39124 010100	Black	Reel	100 ft	612825150374
39124 0101000	Black	Reel	1,000 ft	612825150381
39124 0105000	Black	Reel	5,000 ft	612825150398
39124 013100	Blue, Dark	Reel	100 ft	612825150404
39124 0131000	Blue, Dark	Reel	1,000 ft	612825150411
39124 0135000	Blue, Dark	Reel	5,000 ft	612825150428
39124 001100	Brown	Reel	100 ft	612825150138
39124 0011000	Brown	Reel	1,000 ft	612825150145
39124 0015000	Brown	Reel	5,000 ft	612825150152
39124 008100	Gray	Reel	100 ft	612825150312
39124 0085000	Gray	Reel	5,000 ft	612825150336
39124 005100	Green, Dark	Reel	100 ft	612825150251
39124 0051000	Green, Dark	Reel	1,000 ft	612825150268
39124 0055000	Green, Dark	Reel	5,000 ft	612825150275
39124 003100	Orange	Reel	100 ft	612825150190
39124 0035000	Orange	Reel	5,000 ft	612825150213
39124 002100	Red	Reel	100 ft	612825150169
39124 0021000	Red	Reel	1,000 ft	612825150176
39124 0025000	Red	Reel	5,000 ft	612825150183
39124 007100	Violet	Reel	100 ft	612825150282
39124 0071000	Violet	Reel	1,000 ft	612825150299
39124 0075000	Violet	Reel	5,000 ft	612825150305
39124 009100	White	Reel	100 ft	612825150343
39124 0091000	White	Reel	1,000 ft	612825150350
39124 0095000	White	Reel	5,000 ft	612825150367
39124 004100	Yellow	Reel	100 ft	612825150220
39124 0045000	Yellow	Reel	5,000 ft	612825150244

Footnote:	C - CRATE REEL PUT-UP., 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.

History

Update and Revision:	Revision Number: 0.411 Revision Date: 05-05-2023

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