

Product: 39122

Lead Wire, #22 Str TC, PPO Ins, AWM 11028

Request Sample

Product Description

Low Temp Plastic Lead Wire, 22AWG (7x30) 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
22	7x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.053 in	0.012 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
16.2 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single Conductor in Free Aair @ 30C Ambient	Single conductor in free air @ 30ºC: 11 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:	2.8 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.22 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
39122 010100	Black	Reel	100 ft	612825150077
39122 0101000	Black	Reel	1,000 ft	612825150084
39122 0105000	Black	Reel	5,000 ft	612825150091
39122 013100	Blue, Dark	Reel	100 ft	612825150107
39122 0131000	Blue, Dark	Reel	1,000 ft	612825150114
39122 0135000	Blue, Dark	Reel	5,000 ft	612825150121
39122 001100	Brown	Reel	100 ft	612825149835
39122 0011000	Brown	Reel	1,000 ft	612825149842
39122 0015000	Brown	Reel	5,000 ft	612825149859
39122 008100	Gray	Reel	100 ft	612825150015
39122 0081000	Gray	Reel	1,000 ft	612825150022
39122 0085000	Gray	Reel	5,000 ft	612825150039
39122 005100	Green, Dark	Reel	100 ft	612825149958
39122 0051000	Green, Dark	Reel	1,000 ft	612825149965
39122 0055000	Green, Dark	Reel	5,000 ft	612825149972
39122 003100	Orange	Reel	100 ft	612825149897
39122 0031000	Orange	Reel	1,000 ft	612825149903
39122 0035000	Orange	Reel	5,000 ft	612825149910
39122 002100	Red	Reel	100 ft	612825149866
39122 0021000	Red	Reel	1,000 ft	612825149873
39122 0025000	Red	Reel	5,000 ft	612825149880
39122 007100	Violet	Reel	100 ft	612825149989
39122 0071000	Violet	Reel	1,000 ft	612825149996
39122 0075000	Violet	Reel	5,000 ft	612825150008
39122 009100	White	Reel	100 ft	612825150046
39122 0091000	White	Reel	1,000 ft	612825150053
39122 0095000	White	Reel	5,000 ft	612825150060
39122 004100	Yellow	Reel	100 ft	612825149927
39122 0041000	Yellow	Reel	1,000 ft	612825149934
39122 0045000	Yellow	Reel	5,000 ft	612825149941

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: 0.389 Revision Date: 05-05-2023

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