

Product: 39114

Lead Wire, #14 Str TC, PPO Ins, AWM 11028

Request Sample

Product Description

Low Temp Plastic Lead Wire, 14AWG (41x30) 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
14	41x30	TC - Tinned Copper	1

Conductor Count:	1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.097 in	0.012 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
2.7 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single Conductor in Free Aair @ 30C Ambient	Single conductor in free air @ 30ºC: 39 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:	14 lbs/1000ft
Min. Bend Radius/Minor Axis:	0.39 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
39114 010100	Black	Reel	100 ft	612825148784
39114 0101000	Black	Reel	1,000 ft	612825148791
39114 0105000	Black	Reel	5,000 ft	612825148807
39114 013100	Blue, Dark	Reel	100 ft	612825148814
39114 0131000	Blue, Dark	Reel	1,000 ft	612825148821
39114 0135000	Blue, Dark	Reel	5,000 ft	612825148838
39114 001100	Brown	Reel	100 ft	612825148548
39114 0011000	Brown	Reel	1,000 ft	612825148555
39114 0015000	Brown	Reel	5,000 ft	612825148562
39114 008100	Gray	Reel	100 ft	612825148722
39114 0085000	Gray	Reel	5,000 ft	612825148746
39114 005100	Green, Dark	Reel	100 ft	612825148661
39114 0051000	Green, Dark	Reel	1,000 ft	612825148678
39114 0055000	Green, Dark	Reel	5,000 ft	612825148685
39114 189100	Green, Yellow Stripe	Reel	100 ft	612825148845
39114 1891000	Green, Yellow Stripe	Reel	1,000 ft	612825148852
39114 1895000	Green, Yellow Stripe	Reel	5,000 ft	612825148869
39114 003100	Orange	Reel	100 ft	612825148609
39114 0035000	Orange	Reel	5,000 ft	612825148623
39114 002100	Red	Reel	100 ft	612825148579
39114 0021000	Red	Reel	1,000 ft	612825148586
39114 0025000	Red	Reel	5,000 ft	612825148593
39114 0075000	Violet	Reel	5,000 ft	612825148715
39114 009100	White	Reel	100 ft	612825148753
39114 0091000	White	Reel	1,000 ft	612825148760
39114 0095000	White	Reel	5,000 ft	612825148777
39114 004100	Yellow	Reel	100 ft	612825148630
39114 0045000	Yellow	Reel	5,000 ft	612825148654

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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