



Product: [39116](#)

Lead Wire, #16 Str TC, PPO Ins, AWM 11028 600V 105C VW-1

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 16AWG (26x30) 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
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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
PPO - Polyphenylene Oxide	0.083 in	0.012 in

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR
3.7 Ohm/1000ft

Current

Element	Max. Recommended Current [A]
Single conductor in free air @ 30C ambient	26.0 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:	10 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
MII Order #39 (China RoHS):	Yes

Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
39116 010100	Black	Reel	100 ft	612825149118
39116 0101000	Black	Reel	1,000 ft	612825149125
39116 0105000	Black	Reel	5,000 ft	612825149132
39116 013100	Blue, Dark	Reel	100 ft	612825149149
39116 0131000	Blue, Dark	Reel	1,000 ft	612825149156
39116 0135000	Blue, Dark	Reel	5,000 ft	612825149163
39116 001100	Brown	Reel	100 ft	612825148876
39116 0011000	Brown	Reel	1,000 ft	612825148883
39116 0015000	Brown	Reel	5,000 ft	612825148890
39116 008100	Gray	Reel	100 ft	612825149057
39116 0081000	Gray	Reel	1,000 ft	612825149064
39116 0085000	Gray	Reel	5,000 ft	612825149071
39116 005100	Green, Dark	Reel	100 ft	612825148999
39116 0055000	Green, Dark	Reel	5,000 ft	612825149019
39116 189100	Green, Yellow Stripe	Reel	100 ft	612825149170
39116 1891000	Green, Yellow Stripe	Reel	1,000 ft	612825149187
39116 1895000	Green, Yellow Stripe	Reel	5,000 ft	612825149194
39116 003100	Orange	Reel	100 ft	612825148937
39116 0035000	Orange	Reel	5,000 ft	612825148951
39116 002100	Red	Reel	100 ft	612825148906
39116 0021000	Red	Reel	1,000 ft	612825148913
39116 0025000	Red	Reel	5,000 ft	612825148920
39116 0075000	Violet	Reel	5,000 ft	612825149040
39116 009100	White	Reel	100 ft	612825149088
39116 0091000	White	Reel	1,000 ft	612825149095
39116 0095000	White	Reel	5,000 ft	612825149101
39116 004100	Yellow	Reel	100 ft	612825148968
39116 0041000	Yellow	Reel	1,000 ft	612825148975
39116 0045000	Yellow	Reel	5,000 ft	612825148982

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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History

Update and Revision:	Revision Number: 0.288 Revision Date: 04-28-2020
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