



**Product:** [39116](#)

Lead Wire, #16 Str TC, PPO Ins, AWM 11028

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**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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**Construction Details**

**Conductor**

Number of Element	Size	Stranding	Material
1	16 AWG	26x30	TC - Tinned Copper

**Insulation**

Material	Nom. Thickness	Nom. Insulation Diameter
PPO - Polyphenylene Oxide	0.012 in (0.30 mm)	0.083 in (2.1 mm)

Overall Cable Diameter (Nominal): 0.083 in (2.1 mm)

**Electrical Characteristics**

**Electricals**

Nom. Conductor DCR	Max. Current
4.0 Ohm/1000ft (13 Ohm/km)	Single conductor in free air @ 30°C: 26 A

**Voltage**

UL Voltage Rating
600 V RMS

**Mechanical Characteristics**

**Temperature**

UL Temperature	Operating
105°C	-40°C To +105°C Dry

**Bend Radius**

Stationary Min.	Installation Min.
0.34 in (8.6 mm)	0.34 in (8.6 mm)

Bulk Cable Weight: 10 lbs/1000ft

**Standards and Compliance**

Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	VW-1
AWM Compliance:	AWM 11028
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

## Product Notes

Notes: Halogen-free.

## History

Update and Revision: Revision Number: 0.418 Revision Date: 01-11-2022

## Part Numbers

### 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

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