




**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

#### Insulation

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

#### Outer Jacket Material

Material
No Jacket

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

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

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