

Product: 39116

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

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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	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	Single conductor in free air @ 30ºC: 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.
0.83 in (21 mm)	0.83 in (21 mm)

Max. Pull Tension:	27 lbs (12 kg)
Bulk Cable Weight:	10 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor
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: 0.490 Revision Date: 07-03-2024

Part Numbers

Variants

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

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