



Product: [35616](#)

Lead Wire, #16 Str TC, XLPO Ins, AWM 3173

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Product Description

Rubber Lead Wire, 16AWG (26x30) Tinned Copper, XLPO Insulation, AWM 3173 CSA TYPE CL1251 600V 125C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B) motor lead systems, internal wiring of appliances
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	16	26x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
XLPO, XLPE, XLPE (Thermoset)	0.032 in (0.81 mm)	0.122 in (3.10 mm)

Overall Cable Diameter (Nominal):	0.122 in (3.10 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
4 Ohm/1000ft	Single conductor in free air @ 30°C: 28 A

Voltage

UL Voltage Rating

600 V RMS

Mechanical Characteristics

Temperature

UL Temperature

125°C

Bend Radius

Stationary Min.	Installation Min.
0.49 in (12 mm)	0.49 in (12 mm)

Max. Pull Tension:	35.1 lbs (15.9 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C) ~ 12 Hours @ 325°F (163°C) ~ 8 Hours @ 350°F (177°C)
Bulk Cable Weight:	14 lbs/1000ft

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3173
CEC / C(UL) Compliance:	CL-1251

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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

History

Update and Revision:	Revision Number: 0.429 Revision Date: 06-30-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
35616 010500	Black	Reel	500 ft	612825145103
35616 0105000	Black	Reel	5,000 ft	612825145110
35616 0065000	Blue, Light	Reel	5,000 ft	612825145080
35616 0015000	Brown	Reel	5,000 ft	612825145011
35616 005500	Green, Dark	Reel	500 ft	612825145066
35616 0055000	Green, Dark	Reel	5,000 ft	612825145073
35616 0035000	Orange	Reel	5,000 ft	612825145042
35616 002500	Red	Reel	500 ft	612825145028
35616 0025000	Red	Reel	5,000 ft	612825145035
35616 009500	White	Reel	500 ft	612825145097
35616 0045000	Yellow	Reel	5,000 ft	612825145059

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