



Product: [35606](#)

Lead Wire, #6 Str TC, XLPO Ins, AWM 3196

Request Sample

Product Description

Rubber Lead Wire, 6AWG (133x27) Tinned Copper, XLPO Insulation, AWM 3196 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

Size	Stranding	Material
6	133x27	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
XLP, XLPO, XLPE (Thermoset)	0.063 in (1.6 mm)	0.333 in (8.46 mm)
Overall Cable Diameter (Nominal):	0.333 in (8.46 mm)	

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Mechanical Characteristics

Temperature

UL Temperature	
125°C	
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:	117 lbs/1000ft (174 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	AWM 3196
CEC / C(UL) Compliance:	CL-1251
European Directive Compliance:	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: 0.362 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
35606 0102000	Black	Reel	2,000 ft	612825144908	C F

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