



Product: [34406](#)

Lead Wire, #6 Str TC, CSPE Ins, AWM 3192

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Product Description

Low Temp Rubber Lead Wire, 6AWG (84x25) Tinned Copper, CSPE Insulation, AWM 3192 CSA TYPE CL1052 600V 105C

Technical Specifications

Product Overview

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

Conductor

Size	Stranding	Material
6	84x25	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.062 in (1.6 mm)	0.343 in (8.71 mm)

Overall Cable Diameter (Nominal):	0.343 in (8.71 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.40 Ohm/1000ft (1.3 Ohm/km)	Single conductor in free air @ 30°C: 121 A

Voltage

UL Voltage Rating
600 V RMS (UL AWM 3192), 300 V RMS (CSA CL1052)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-30°C To +105°C

Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
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Bulk Cable Weight:	127 lbs/1000ft (189 kg/km)
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Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	UL AWM Style 3192
CEC / C(UL) Compliance:	CL-1052
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)

Product Notes

Notes:	Separator material over conductor.
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History

Update and Revision:	Revision Number: 0.382 Revision Date: 12-15-2021
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