



Product: [34406](#)

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

Request Sample

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				
Element	No. of Elements	Size	Stranding	Material
Conductor(s)	1	6 AWG	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)		

Electrical Characteristics

Electricals	
Nom. Conductor DCR	Max. Current
0.446 Ohm/1000ft	129.6 Amps per Conductor at 30°C

Voltage	
UL Voltage Rating	Voltage Rating
600 V (AWM 3192)	300 V (CSA CL-1052)

Mechanical Characteristics

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

Bend Radius	
Stationary Min.	Installation Min.
3.43 in (87.1 mm)	3.43 in (87.1 mm)

Max. Pull Tension:	304 lbs (138 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	129 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Oil Resistance
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	Horizontal flame

AWM Compliance:	AWM 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: 0.492 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
34406 010100	Black	Reel	100 ft	612825143765	
34406 010250	Black	Reel	250 ft	612825143789	C F
34406 0101000	Black	Reel	1,000 ft	612825143772	C F
34406 008100	Gray	Reel	100 ft	612825143758	

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