



Product: [34490](#)

Lead Wire, #1/0 Str TC, CSPE Ins, AWM 3193

Request Sample

Product Description

Low Temp Rubber Lead Wire, 1/0AWG (805x26) Tinned Copper, CSPE Insulation, AWM 3193 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	1/0 AWG	262x24	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
CSPE - Chlorosulphonated Polyethylene	0.091 in (2.3 mm)	0.607 in (15.4 mm)

Overall Cable Diameter (Nominal):	0.607 in (15.4 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
0.113 Ohm/1000ft	308.8 Amps per Conductor at 30°C

Voltage

UL Voltage Rating	Voltage Rating
600 V (AWM 3193)	300 V (CSA CL-1052)

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
6.07 in (154 mm)	6.07 in (154 mm)

Max. Pull Tension:	1321 lbs (599.2 kg)
Recommended Max Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	439 lbs/1000ft

Standards and Compliance

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

AWM Compliance:	AWM 3193
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: 0.475 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
34490 01050	Black	Reel	50 ft	612825144199	
34490 010100	Black	Reel	100 ft	612825144175	C
34490 010250	Black	Reel	250 ft	612825144182	C F

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