



Product: [34416](#)



Lead Wire, #16 Str TC, CSPE Ins, AWM 3191

[Request Sample](#)

Product Description

Low Temp Rubber Lead Wire, 16AWG (26x30) Tinned Copper, CSPE Insulation, AWM 3191 CSA TYPE CL1053 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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Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
16	26x30	TC - Tinned Copper	1

Conductor Count: 1

Insulation

Material	Nominal Diameter	Nominal Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.155 in	0.048 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V RMS

Temperature Range

UL Temperature Rating:	105°C
Operating Temperature Range:	-30°C To +105°C

Mechanical Characteristics

Recommended Maximum Baking Cycles:	24 Hours @ 300°F (149°C)
Bulk Cable Weight:	19 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.62 in

Standards

UL AWM Style Compliance:	AWM 3191
CSA Rating:	600 V, 105°C
CSA Type:	CL1053

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes

EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	600 V RMS
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
34416 010100	Black	Reel	100 ft	612825144014
34416 010500	Black	Reel	500 ft	612825144038
34416 0104000	Black	Reel	4,000 ft	612825144021
34416 0084000	Gray	Reel	4,000 ft	612825144007
34416 005500	Green, Dark	Reel	500 ft	612825143994
34416 002500	Red	Reel	500 ft	612825143987

Footnote: C - CRATE REEL PUT-UP., I - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 200'. U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE), F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.

Product Notes

Notes:	Separator material over conductor.
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History

Update and Revision:	Revision Number: 0.357 Revision Date: 02-03-2025
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