



Product: [34918](#) 

Lead Wire, #18 Str TC, CSPE Ins, AWM 3190

 [Request Sample](#)

Product Description

Low Temp Rubber Lead Wire, 18AWG (16x30) Tinned Copper, CSPE Insulation, AWM 3190 CSA TYPE CL1052 300V 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
18	16x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
CSPE - Chlorosulphonated Polyethylene	0.11 in	0.032 in

Electrical Characteristics

Voltage

UL Voltage Rating
300 V RMS

Temperature Range

UL Temperature Rating:	105°C
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Mechanical Characteristics

Bulk Cable Weight:	10 lbs/1000ft
Minimum Minor Axis Bend Radius:	0.44 in

Standards

UL AWM Style Compliance:	AWM 3190
CSA Rating:	300 V RMS, 105°C
CSA Type:	CL1052

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)
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 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
34918 010500	Black	Reel	500 ft	612825144298
34918 0105000	Black	Reel	5,000 ft	612825144304
34918 002500	Red	Reel	500 ft	612825144274
34918 0025000	Red	Reel	5,000 ft	612825144281

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'. 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), Z - FINAL PUT-UP MAY VARY (= OR -) 10% FOR SPOOLS OR REELS AND (+ OR -) 5% FOR UNREEL CARTONS FROM LENGTH SHOWN.
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History

Update and Revision:	Revision Number: 0.358 Revision Date: 02-03-2025
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