



Product: [30818](#)

Lead Wire, #18 Str TC, Silicone Ins, Fiber Glass Jkt, AWM 3070 CSA SEWF-2

Request Sample

Product Description

Rubber Lead Wire, 18AWG (16x30) Tinned Copper, Silicone Insulation, Fiber Glass Outer Jacket, AWM 3070 CSA SEWF-2 600V 150C

Technical Specifications

Product Overview

Suitable Applications:	Class 130(B), 155(F) or 180(H) insulation systems, internal wiring of lighting fixtures and appliances, high temperature applications
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Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
18	16x30	TC - Tinned Copper	1
Conductor Count:			1

Insulation	
Material	Nominal Wall Thickness
Silicone Rubber	0.0315 in

Outer Jacket Material	
Material	Nominal Diameter
Lacquered Glass Braid Covering	0.132 in

Electrical Characteristics

Voltage	
UL Voltage Rating	
600 V	

Temperature Range

UL Temp Rating:	150°C
Operating Temp Range:	-70 °C to 150 °C

Mechanical Characteristics

Recommended Max Baking Cycles:	24 Hours @ 410°F (210°C)
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Standards

UL AWM Style Compliance:	3070
CSA Rating:	600 V, 150°C
CSA Type:	SEWF-2
Military Compliance:	N/A

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 II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	Horizontal
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
30818 010500	Black	Reel	500 ft	612825140740

Footnote:	F - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'.
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History

Update and Revision:	Revision Number: 0.287 Revision Date: 06-15-2020
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