



Product: [35418](#)

Lead Wire, #18 Str TC, XLPO Ins, AWM 3436 CSA TYPE CL1251 AND AWM

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Product Description

Rubber Lead Wire, 18AWG (16x30) Tinned Copper, XLPO Insulation, AWM 3436 CSA TYPE CL1251 AND AWM 600V 150C

Technical Specifications

Product Overview

Suitable Applications:	high temperature, internal wiring of appliances and electronic equipments
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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 Diameter	Nominal Wall Thickness
XLPE, XLPO, XLPE (Thermoset)	0.11 in	0.0315 in

Electrical Characteristics

Voltage	
UL Voltage Rating	
600 V	

Temperature Range

UL Temperature Rating:	150°C (125°C Flexing)
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Standards

UL AWM Style Compliance:	AWM 3436, AWM 3321
CSA Rating:	600 V, 125°C, 150°C
CSA AWM Compliance:	CSA AWM I A
CSA Type:	CL1251, AWM
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 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)
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
35418 010500	Black	Reel	500 ft	612825144885
35418 0105000	Black	Reel	5,000 ft	612825144892
35418 009500	White	Reel	500 ft	612825144878

Footnote:	U - TOPCOAT ADDERS ON STOCK SOLID COLORS. MINIMUM ORDER 10,000' PER COLOR COMBINATION. (SEE TOPCOAT ADDER TABLE), C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.356 Revision Date: 02-03-2025
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