



Product: [31010](#)

Lead Wire, #10 Str TC, XLPO Ins, UL TYPE SIS VW-1

[Request Sample](#)

Product Description

Low Temp Rubber Lead Wire, 10AWG (65x28) Tinned Copper, XLPO Insulation, UL TYPE SIS VW-1 600V 90C

Technical Specifications

Product Overview

Suitable Applications:	for wiring switchboards, panelboards , distribution boards
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Physical Characteristics (Overall)

Conductor			
AWG	Stranding	Material	No. of Conductors
10	65x28	TC - Tinned Copper	1
Conductor Count:			1

Insulation	
Material	Nominal Wall Thickness
XLP, XLPO, XLPE (Thermoset)	0.033 in
XLP, XLPO, XLPE (Thermoset)	

Outer Jacket	
Nominal Diameter	
0.184 in	

Electrical Characteristics

Voltage	
UL Voltage Rating	
600 V	

Temperature Range

UL Temp Rating:	90°C
Operating Temperature Range:	-40°C to +90°C

Mechanical Characteristics

Bulk Cable Weight:	47 lbs/1000ft
Min. Bend Radius During Installation:	0.74 in

Standards

NEC/(UL) Compliance:	SIS
UL AWM Style Compliance:	N/A
Military Compliance:	N/A

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
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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

UL Flammability:	VW-1
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
31010 0082500	Gray	Reel	2,500 ft	612825141549

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

Update and Revision:	Revision Number: 0.383 Revision Date: 05-05-2023
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