



Product: [31012N](#)

Lead Wire, #12 Str TC, XLPO Ins, UL TYPE SIS 600V

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Product Description

Low Temp Rubber Lead Wire, 12AWG (65x30) Tinned Copper, XLPO Insulation, UL TYPE SIS 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
12	65x30	TC - Tinned Copper	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter	Nominal Wall Thickness
XLP, XLPO, XLPE (Thermoset)	0.167 in	0.032 in

Electrical Characteristics

Voltage

UL Voltage Rating
600 V

Temperature Range

UL Temp Rating:	90°C
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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
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)

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
31012N 0082500	Gray

Product Notes

Notes:	Separator material over conductor.
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History

Update and Revision:	Revision Number: 0.121 Revision Date: 05-05-2023
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