



REPRESENTATIVE IMAGE

Product: [8866](#)

Lead Wire, #18 Str TC, Conductive PO/PO Ins, PVC Jkt, 40kV

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Product Description

Low Temp Plastic Lead Wire, 18AWG (16x30) Tinned Copper, Conductive PO/PO Insulation, PVC Outer Jacket, 40kV

Technical Specifications

Product Overview

Suitable Applications:	internal wiring of electronic equipments, high voltage applications
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Construction Details

Conductor

Size	Stranding	Material
18	16x30	TC - Tinned Copper

Insulation

Material	Nom. Thickness
PE - Polyethylene	0.057 in (1.4 mm)

Table Notes:	.008 in. conductive polyethylene over stranding.
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Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.208 in (5.28 mm)

Overall Cable Diameter (Nominal):	0.208 in (5.28 mm)
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Electrical Characteristics

Voltage

Voltage Rating	Breakdown Voltage
40,000 V DC, 11,000 V RMS (AC (60 Hertz))	80,000 V (DC)

Mechanical Characteristics

Bulk Cable Weight:	20 lbs/1000ft (30 kg/km)
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Standards and Compliance

Sustainability:	CA Prop 65
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

History

Update and Revision:	Revision Number: 0.366 Revision Date: 12-15-2021
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