



REPRESENTATIVE IMAGE

Product: [9899](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1855

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Product Description

Low Temp Plastic Lead Wire, 18AWG (65x36) Tinned Copper, PVC Insulation, AWM 1855 5000V 80C

Technical Specifications

Product Overview

Suitable Applications:	used as test probe lead for electrical and electronic measuring for test equipment
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Construction Details

Conductor

Size	Stranding	Material
18	65x36	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
PVC - Polyvinyl Chloride	0.048 in (1.2 mm)	0.144 in (3.66 mm)

Overall Cable Diameter (Nominal):	0.144 in (3.66 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.5 Ohm/1000ft (21 Ohm/km)	6.5 A

Voltage

UL Voltage Rating
5000 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
80°C	-50°C To +80°C

Max. Pull Tension:	25 lbs (11 kg)
Bulk Cable Weight:	6 lbs/1000ft (8.9 kg/km)

Standards and Compliance

Sustainability:	CA Prop 65
AWM Compliance:	UL AWM Style1855
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: 0.373 Revision Date: 12-15-2021
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