



Product: [9899](#)

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

Request Sample

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)

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: 0.371 Revision Date: 10-29-2021
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