



Product: [8898](#)

Lead Wire, #18 Str TC, EPDM Ins

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### Product Description

Low Temp Rubber Lead Wire, 18AWG (65x36) Tinned Copper, EPDM Insulation, 10000V 90C

### 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

Element	Number of Element	Size	Stranding	Material
Conductor(s)	1	18 AWG	65x36	TC - Tinned Copper

##### Insulation

Material	Nom. Thickness	Nom. Insulation Diameter
EPDM - Ethylene Propylene Diene Monomer	0.091 in (2.3 mm)	0.229 in (5.82 mm)

Overall Cable Diameter (Nominal):	0.229 in (5.82 mm)
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#### Electrical Characteristics

##### Electricals

Nom. Conductor DCR	Max. Current
2.25 Ohm/1000ft	Single conductor in free air @ 30°C: 62.0 A

##### Voltage

Voltage Rating	Breakdown Voltage
10,000 V	29,000 V

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
80°C	-40°C To +80°C

##### Bend Radius

Stationary Min.	Installation Min.
2.29 in (58.2 mm)	2.29 in (58.2 mm)

Max. Pull Tension:	83 lbs (38 kg)
Bulk Cable Weight:	31 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Outdoor
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)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

## Product Notes

Notes:	29000 V Breakdown
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## History

Update and Revision:	Revision Number: 0.437 Revision Date: 06-30-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
8898 010100	Black	Reel	100 ft	612825217619
8898 010500	Black	Reel	500 ft	612825217626
8898 002100	Red	Reel	100 ft	612825217596
8898 002500	Red	Reel	500 ft	612825217602

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