



Product: [8898](#)

Lead Wire, #18 Str TC, EPDM Ins

Request Sample

**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	No. of Elements	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)

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: 0.472 Revision Date: 02-03-2025
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Part Numbers

Variants

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

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