

Product: 8899

Lead Wire, #18 Str TC, EPDM Ins

Request Sample

Product Description

Low Temp Rubber Lead Wire, 18AWG (65x36) Tinned Copper, EPDM Insulation, 5000V 90C

Technical Specifications

Product Overview

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

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	0.0485 in (1.23 mm)	0.144 in (3.66 mm)

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

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.9 Ohm/1000ft	Single conductor in free air @ 30ºC: 6.5 A

Voltage

Voltage Rating	Breakdown Voltage
5000 V	20,000 V

Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
1.44 in (36.6 mm)	1.44 in (36.6 mm)

Max. Pull Tension:	40 lbs (18 kg)
Bulk Cable Weight:	15 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Outdoor
Sustainability:	CA Prop 65
European Directive Compliance:	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:	Breakdown Voltage: 20,000 V RMS Suggested Working Voltage: 5000 V RMS

History

Update and Revision:	Revision Number: 0.472 Revision Date: 07-03-2024

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8899 01025	Black	Reel	25 ft	612825217817	
8899 010100	Black	Reel	100 ft	612825217794	
8899 010500	Black	Reel	500 ft	612825217824	
8899 010U500	Black	Reel	500 ft	612825217787	
8899 0101000	Black	Reel	1,000 ft	612825217800	C
8899 010U1000	Black	Reel	1,000 ft	612825217770	
8899 006100	Blue, Light	Reel	100 ft	612825217732	
8899 006500	Blue, Light	Reel	500 ft	612825217749	
8899 005100	Green, Dark	Reel	100 ft	612825217718	
8899 005500	Green, Dark	Reel	500 ft	612825217725	
8899 00225	Red	Reel	25 ft	612825217671	
8899 002100	Red	Reel	100 ft	612825217657	
8899 002500	Red	Reel	500 ft	612825217688	
8899 002U500	Red	Reel	500 ft	612825217640	
8899 0021000	Red	Reel	1,000 ft	612825217664	C
8899 002U1000	Red	Reel	1,000 ft	612825217633	
8899 009100	White	Reel	100 ft	612825217756	
8899 009500	White	Reel	500 ft	612825217763	
8899 004100	Yellow	Reel	100 ft	612825217695	
8899 004500	Yellow	Reel	500 ft	612825217701	

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