



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	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	0.0485 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 @ 30°C: 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: 0.438 Revision Date: 06-30-2022
----------------------	--

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
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
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
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

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.