



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
------------------------	--

#### 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
PVC - Polyvinyl Chloride	0.048 in (1.2 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
6.5 Ohm/1000ft	Single conductor in free air @ 30°C: 6.5 A

##### Voltage

UL Voltage Rating
5000 V RMS

#### Mechanical Characteristics

##### Temperature

UL Temperature	Operating
80°C	-50°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:	37 lbs (17 kg)
Bulk Cable Weight:	14 lbs/1000ft

#### Standards and Compliance

Environmental Suitability:	Outdoor
Sustainability:	CA Prop 65
AWM Compliance:	AWM 1855
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: 0.480 Revision Date: 01-20-2023

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9899 010100	Black	Reel	100 ft	612825260219	
9899 010500	Black	Reel	500 ft	612825260233	
9899 0101000	Black	Reel	1,000 ft	612825260226	C
9899 005500	Green, Dark	Reel	500 ft	612825260196	
9899 002100	Red	Reel	100 ft	612825260165	
9899 002500	Red	Reel	500 ft	612825260189	
9899 0021000	Red	Reel	1,000 ft	612825260172	
9899 009500	White	Reel	500 ft	612825260202	

© 2024 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.