



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
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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
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)
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#### 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	

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