



REPRESENTATIVE IMAGE

**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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**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	65x36	TC - Tinned Copper	1

Conductor Count:	1
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**Insulation**

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.144 in	0.048 in

**Electrical Characteristics**

**Conductor DCR**

<b>Nominal Conductor DCR</b>
6.5 Ohm/1000ft

**Unbalanced Crosstalk**

<b>Typical Unbalanced NEXT %</b>
6 MHz

**Current**

<b>Max. Recommended Current [A]</b>
6.5 A

**Voltage**

Suggested Working Voltage	UL Voltage Rating
5,000 V RMS	5000 V RMS

**Temperature Range**

UL Temp Rating:	80°C
Operating Temp Range:	-50°C To +80°C

**Mechanical Characteristics**

Bulk Cable Weight:	6 lbs/1000ft
Max. Pull Tension:	25 lbs

**Standards**

UL Rating:	5000V, 80°C
UL AWM Style Compliance:	UL AWM Style1855

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-01
CA Prop 65:	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	5000 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### Variants

Item #	Color	Putup Type	Length	UPC
9899 010100	Black	Reel	100 ft	612825260219
9899 010500	Black	Reel	500 ft	612825260233
9899 0101000	Black	Reel	1,000 ft	612825260226
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

Footnote:	C - CRATE REEL PUT-UP.
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## History

Update and Revision:	Revision Number: 0.309 Revision Date: 08-12-2020
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