



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

Nominal Conductor DCR
6.5 Ohm/1000ft

Unbalanced Crosstalk

Typical Unbalanced NEXT %
6 MHz

Current

Max. Recommended Current [A]
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, LS0H, 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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