



Product: [9899](#)

Lead Wire, #18 Str TC, PVC Ins, AWM 1855 5000V 80C

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Product Description

Low Temp Plastic Lead Wire, 18AWG (65x36) Tinned Copper, PVC Insulation, AWM 1855 5000V 80C

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

Conductor Count: 1

Insulation

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

Outer Jacket Material

Material
No Jacket

Electrical Characteristics

Unbalanced Crosstalk

Typical Unbalanced NEXT %
6 MHz

Voltage

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

Temperature Range

UL Temp Rating:	80°C
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Mechanical Characteristics

Bulk Cable Weight:	6 lbs/1000ft
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Standards

UL Rating:	5000V, 80°C
UL AWM Style:	AWM 1855
Military Specification:	N/A

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

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.278 Revision Date: 04-02-2020
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