



**Part Number:** 8899

**Lead Wire, #18 Str TC, EPDM Ins, 5000V 90C**

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## Product Description

Low Temp Rubber Lead Wire, 18AWG (65x36) Tinned Copper, EPDM Insulation, 5000V 90C

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	1
Conductor Size:	18 AWG

#### Insulation

Material	Nominal Diameter	Nominal Wall Thickness
Rubber	0.144 in	0.0485 in

#### Outer Jacket Material

Material	Nominal Diameter
No Jacket	0.144 in

### Electrical Characteristics

#### Conductor DCR

Nominal Conductor DCR
6.5 Ohm/1000ft

#### Current

Element	Max. Recommended Current [A]
10C temperature rise	10C temperature rise 8 amps @ 25C ambient

#### Voltage

Breakdown Voltage	Suggested Working Voltage
20,000 V RMS	5,000 V RMS

### Temperature Range

Operating Temp Range:	-40°C To +90°C
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### Mechanical Characteristics

Bulk Cable Weight:	15 lbs/1000ft
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### Standards

UL AWM Style:	N/A
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:	No
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	N/A
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## Plenum/Non-Plenum

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

### Variants

Item #	Color	Footnote
8899 010100	Black	
8899 0101000	Black	C
8899 01025	Black	
8899 010500	Black	
8899 010U1000	Black	
8899 010U500	Black	
8899 006100	Blue, Light	
8899 006500	Blue, Light	
8899 005100	Green, Dark	
8899 005500	Green, Dark	
8899 002100	Red	
8899 0021000	Red	C
8899 00225	Red	
8899 002500	Red	
8899 002U1000	Red	
8899 002U500	Red	
8899 009100	White	
8899 009500	White	
8899 004100	Yellow	
8899 004500	Yellow	

Footnote:	C - CRATE REEL PUT-UP.
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## Product Notes

Notes:	Breakdown Voltage: 20,000 V RMS Suggested Working Voltage: 5000 V RMS
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