



Product: [8897](#)

Lead Wire, #18 Str TC, Rubber Ins

Request Sample

### Product Description

Low Temp Rubber Lead Wire, 18AWG (65x36) Tinned Copper, Rubber Insulation, 5000V 80C

### Technical Specifications

#### Product Overview

|                        |  |
|------------------------|--|
| Suitable Applications: | used as test probe lead for electrical and electronic measuring for test equipment |
|------------------------|--|

#### Physical Characteristics (Overall)

##### Conductor

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

|                  |   |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

##### Insulation

| Material                                | Nominal Wall Thickness |
|---|------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.0485 in              |

#### Electrical Characteristics

##### Voltage

| Breakdown Voltage | Non-UL Voltage Rating | Suggested Working Voltage |
|-------------------|-----------------------|---------------------------|
| 20,000 V          | 5000 V                | 5,000 V                   |

#### Temperature Range

|                     |      |
|---------------------|------|
| Non-UL Temp Rating: | 80°C |
|---------------------|------|

#### Mechanical Characteristics

|                              |              |
|------------------------------|--------------|
| Bulk Cable Weight:           | 7 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.58 in      |

#### Standards

|                      |              |
|----------------------|--------------|
| Military Compliance: | MIL-W-13169B |
|----------------------|--------------|

#### 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 2):            | Yes                           |
| EU Directive 2012/19/EU (WEEE):              | Yes                           |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes                           |
| EU Directive Compliance:                     | EU Directive 2003/11/EC (BFR) |
| EU CE Mark:                                  | Yes                           |
| CA Prop 65:                                  | Yes                           |
| MII Order #39 (China RoHS):                  | Yes                           |

## Flammability, LS0H, Toxicity Testing

|                    |     |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

## Plenum/Non-Plenum

|               |    |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

## Related Part Numbers

### Variants

| Item #       | Color | Put-Up Type | Length | UPC          |
|--------------|-------|-------------|--------|--------------|
| 8897 010500  | Black | Reel        | 500 ft | 612825217589 |
| 8897 010U500 | Black | Reel        | 500 ft | 612825217572 |
| 8897 002500  | Red   | Reel        | 500 ft | 612825217565 |
| 8897 002U500 | Red   | Reel        | 500 ft | 612825217558 |

## Product Notes

|        |                   |
|--------|-------------------|
| Notes: | 20000 V Breakdown |
|--------|-------------------|

## History

|                      |  |
|----------------------|--|
| Update and Revision: | Revision Number: 0.371 Revision Date: 02-03-2025 |
|----------------------|--|

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