



Product: [8897](#)

Lead Wire, #18 Str TC, Rubber Ins, 5000V 80C

Request Sample

Product Description

Low Temp Rubber Lead Wire, 18AWG (65x36) Tinned Copper, Rubber Insulation, 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 Wall Thickness |
|-----------------------------------------|------------------------|
| EPDM - Ethylene Propylene Diene Monomer | 0.0485 in              |

Outer Jacket Material

| Nominal Diameter |
|------------------|
| 0.144 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 |
|--------------------|--------------|

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:                           | Yes                           |
| EU RoHS Compliance Date (yyyy-mm-dd): | 2004-01-01                    |

|                             |     |
|-----------------------------|-----|
| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

| Item #       | Color | Putup 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: 0.277 Revision Date: 04-28-2020 |
|----------------------|--------------------------------------------------|

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