



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 |

| | |
|-----------------------------|-----|
| MIL 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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- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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