



Product: [83048](#)

Lead Wire, #24 Str SPC, TFE Ins, AWM 1371

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Product Description

High Temp Plastic Lead Wire, 24AWG (19x36) Silver Plated Copper, TFE Insulation, AWM 1371 105C TYPE ET MIL-W-16878/6 250V 200C

Technical Specifications

| | |
|--------------------|--------------|
| Bulk Cable Weight: | 3 lbs/1000ft |
|--------------------|--------------|

Standards

| | |
|--------------------------|-------------------|
| UL AWM Style Compliance: | UL AWM Style 1371 |
| NEMA Compliance: | HP3 |
| Military Compliance: | MIL-W-16878/6 |

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): | 2005-04-01 |
| CA Prop 65: | Yes |
| MIL Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----------|
| UL Flammability: | VW-1 |
| UL voltage rating: | 600 V RMS |

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Putup Type | Length |
|---------------|-------|------------|----------|
| 83048 010100 | Black | Reel | 100 ft |
| 83048 0101000 | Black | Reel | 1,000 ft |
| 83048 001100 | Brown | Reel | 100 ft |
| 83048 0011000 | Brown | Reel | 1,000 ft |
| 83048 002100 | Red | Reel | 100 ft |
| 83048 0021000 | Red | Reel | 1,000 ft |

| | |
|-----------|---|
| Footnote: | E - MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'. |
| Footnote: | S - STRIPING ADDERS FOR TYPES E AND EE: 1, 2, 3 STRIPES. MINIMUM ORDER 10,000' PER STRIPE COMBINATION. (SEE STRIPING ADDER TABLE) |

History

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | high temperature, inter-connection circuits, internal wiring of computer and electronic equipments, (Type ET) MIL-W-16878/6 applications |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|----------------------|-------------------|
| 24 | 19x36 | SC - Silvered Copper | 1 |

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

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------------|------------------|------------------------|
| PTFE - Polytetrafluoroethylene | 0.036 in | 0.006 in |

Electrical Characteristics

Current

| Max. Recommended Current [A] |
|--|
| Mil-Std-975M Table 3.16 (single wire): 3.3 A |

Voltage

| UL Voltage Rating |
|-------------------|
| 250 V RMS |

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 200°C |
| UL Temp Rating: | 105°C |

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