



Product: [83006](#)

Lead Wire, #22 Str SPC, TFE Ins, AWM 1213

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Product Description

High Temp Plastic Lead Wire, 22AWG (19x34) Silver Plated Copper, TFE Insulation, AWM 1213 105C TYPE E MIL-W-16878/4 600V 200C

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Suitable Applications: | high temperature, inter-connection circuits, internal wiring of computer and electronic equipments, (Type E) MIL-W-16878/4 applications |
|------------------------|---|

Construction Details

Conductor

| Size | Stranding | Material |
|------|-----------|----------------------|
| 22 | 19x34 | SC - Silvered Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------------|--------------------|--------------------------|
| PTFE - Polytetrafluoroethylene | 0.009 in (0.23 mm) | 0.048 in (1.2 mm) |

| | |
|-----------------------------------|------------------|
| Overall Cable Diameter (Nominal): | 0.05 in (1.3 mm) |
|-----------------------------------|------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|---------------------------------|---|
| 15.75 Ohm/1000ft (51.67 Ohm/km) | Mil-Std-975M Table 3.16 (single wire): 4.5 amps |

Voltage

| UL Voltage Rating |
|-------------------|
| 600 V RMS |

Mechanical Characteristics

Temperature

| UL Temperature | Operating |
|----------------|-----------------|
| 105°C | -70°C To +200°C |

| | |
|--------------------|--------------------------|
| Bulk Cable Weight: | 4 lbs/1000ft (6.0 kg/km) |
|--------------------|--------------------------|

Standards and Compliance

| | |
|----------------------------------|---|
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | VW-1 |
| AWM Compliance: | UL AWM Style 1213 |
| NEMA Compliance: | HP3 |
| Military Compliance: | MIL-W-16878/4 |
| European Directive Compliance: | EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE) |
| APAC Compliance: | China RoHS II (GB/T 26572-2011) |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.375 Revision Date: 12-15-2021 |
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