



Product: [83002](#)

Lead Wire, #26 Str SPC, TFE Ins, AWM 1213

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Product Description

High Temp Plastic Lead Wire, 26AWG (7x34) 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 |
|------|-----------|----------------------|
| 26 | 7x34 | SC - Silvered Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------------|-------------------|--------------------------|
| PTFE - Polytetrafluoroethylene | 0.01 in (0.25 mm) | 0.039 in (0.99 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.037 in (0.94 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Electricals

| Nom. Conductor DCR | Max. Current |
|------------------------------|--|
| 37.5 Ohm/1000ft (123 Ohm/km) | Mil-Std-975M Table 3.16 (single wire): 2.5 A |

Voltage

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

Mechanical Characteristics

Temperature

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

| | |
|--------------------|--------------------------|
| Bulk Cable Weight: | 2 lbs/1000ft (3.0 kg/km) |
|--------------------|--------------------------|

Standards and Compliance

| | |
|----------------------------------|---|
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | VW-1 |
| AWM Compliance: | AWM 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) |

History

| | |
|----------------------|--|
| Update and Revision: | Revision Number: 0.377 Revision Date: 04-08-2022 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|---------------|-------------|------------|----------|--------------|
| 83002 010100 | Black | Reel | 100 ft | 612825354864 |
| 83002 0101000 | Black | Reel | 1,000 ft | 612825353850 |
| 83002 006100 | Blue, Light | Reel | 100 ft | 612825353874 |
| 83002 0061000 | Blue, Light | Reel | 1,000 ft | 612825399223 |
| 83002 001100 | Brown | Reel | 100 ft | |
| 83002 0011000 | Brown | Reel | 1,000 ft | 612825353911 |
| 83002 008100 | Gray | Reel | 100 ft | |
| 83002 0081000 | Gray | Reel | 1,000 ft | 612825399230 |
| 83002 005100 | Green, Dark | Reel | 100 ft | |
| 83002 0051000 | Green, Dark | Reel | 1,000 ft | |
| 83002 003100 | Orange | Reel | 100 ft | 612825353898 |
| 83002 0031000 | Orange | Reel | 1,000 ft | |
| 83002 002100 | Red | Reel | 100 ft | 612825354895 |
| 83002 0021000 | Red | Reel | 1,000 ft | 612825353904 |
| 83002 007100 | Violet | Reel | 100 ft | |
| 83002 0071000 | Violet | Reel | 1,000 ft | |
| 83002 009100 | White | Reel | 100 ft | |
| 83002 0091000 | White | Reel | 1,000 ft | 612825353867 |
| 83002 004100 | Yellow | Reel | 100 ft | |
| 83002 0041000 | Yellow | Reel | 1,000 ft | 612825399216 |

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