

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

| Element | No. of Elements | Size | Stranding | Material |
|--------------|-----------------|--------|-----------|----------------------|
| Conductor(s) | 1 | 26 AWG | 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): 0.039 in (0.99 mm)

Electrical Characteristics
Electricals

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

Voltage

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

Mechanical Characteristics
Temperature

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

Bend Radius

| Stationary Min. | Installation Min. |
|------------------|-------------------|
| 0.39 in (9.9 mm) | 0.39 in (9.9 mm) |

Max. Pull Tension: 5 lbs (2.3 kg)

Bulk Cable Weight: 2 lbs/1000ft

Standards and Compliance

| | |
|----------------------------------|-----------------|
| Environmental Suitability: | Indoor, Outdoor |
| 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: 0.485 Revision Date: 09-07-2025

Part Numbers

Variants

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

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

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