



Product: [8505](#)

Lead Wire, #26 Str TC, PVC Ins, TYPE B MIL-W-16878/1

Request Sample

Product Description

Low Temp Plastic Lead Wire, 26AWG (7x34) Tinned Copper, PVC Insulation, TYPE B MIL-W-16878/1 600V 105C

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Suitable Applications: | inter-connection circuits, internal wiring of computer and electronic equipments, (Type B) MIL-W-16878/1-Low Temp applications |
|------------------------|--|

Construction Details

Conductor

| Element | Number of Element | Size | Stranding | Material |
|--------------|-------------------|------|-----------|--------------------|
| Conductor(s) | 1 | 26 | 7x34 | TC - Tinned Copper |

Insulation

| Material | Nom. Thickness | Nom. Insulation Diameter |
|--------------------------|-------------------|--------------------------|
| PVC - Polyvinyl Chloride | 0.01 in (0.25 mm) | 0.039 in (0.99 mm) |

| | |
|-----------------------------------|--------------------|
| Overall Cable Diameter (Nominal): | 0.039 in (0.99 mm) |
|-----------------------------------|--------------------|

Electrical Characteristics

Voltage

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

Mechanical Characteristics

Bend Radius

| Stationary Min. | Installation Min. |
|------------------|-------------------|
| 0.16 in (4.1 mm) | 0.16 in (4.1 mm) |

| | |
|--------------------|------------------|
| Max. Pull Tension: | 3.5 lbs (1.6 kg) |
| Bulk Cable Weight: | 1.25 lbs/1000ft |

Standards and Compliance

| | |
|--------------------------------|---|
| Sustainability: | CA Prop 65 |
| Military Compliance: | MIL-W-16878/1 |
| 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: 0.406 Revision Date: 06-30-2022 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | Length | UPC |
|-------------|-------|------------|--------|--------------|
| 8505 010100 | Black | Reel | 100 ft | 612825210566 |

| | | | | |
|--------------|-------------|------|----------|--------------|
| 8505 0101000 | Black | Reel | 1,000 ft | 612825210573 |
| 8505 006100 | Blue, Light | Reel | 100 ft | 612825210481 |
| 8505 0061000 | Blue, Light | Reel | 1,000 ft | 612825210498 |
| 8505 001100 | Brown | Reel | 100 ft | 612825210351 |
| 8505 0011000 | Brown | Reel | 1,000 ft | 612825210368 |
| 8505 008100 | Gray | Reel | 100 ft | 612825210528 |
| 8505 0081000 | Gray | Reel | 1,000 ft | 612825210535 |
| 8505 005100 | Green, Dark | Reel | 100 ft | 612825210467 |
| 8505 0051000 | Green, Dark | Reel | 1,000 ft | 612825210474 |
| 8505 003100 | Orange | Reel | 100 ft | 612825210405 |
| 8505 0031000 | Orange | Reel | 1,000 ft | 612825210412 |
| 8505 002100 | Red | Reel | 100 ft | 612825210382 |
| 8505 0021000 | Red | Reel | 1,000 ft | 612825210399 |
| 8505 007100 | Violet | Reel | 100 ft | 612825210504 |
| 8505 0071000 | Violet | Reel | 1,000 ft | 612825210511 |
| 8505 009100 | White | Reel | 100 ft | 612825210542 |
| 8505 0091000 | White | Reel | 1,000 ft | 612825210559 |
| 8505 004100 | Yellow | Reel | 100 ft | 612825210429 |
| 8505 0041000 | Yellow | Reel | 1,000 ft | 612825210436 |

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