



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      | No. of Elements | 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: 0.439 Revision Date: 01-20-2023 |
|----------------------|--------------------------------------------------|

Part Numbers

Variants

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

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

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