# Product: 8504



## Lead Wire, #24 Str TC, PVC Ins, TYPE B MIL-W-16878/1

Request Sample

### Product Description

Low Temp Plastic Lead Wire, 24AWG (7x32) 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 | 24 | 7x32 | TC - Tinned Copper |

**Insulation**

| Material | Nom. Thickness | Nom. Insulation Diameter |
|---|---|---|
| PVC - Polyvinyl Chloride | 0.01 in (0.25 mm) | 0.044 in (1.1 mm) |

| | |
|---|---|
| Overall Cable Diameter (Nominal): | 0.044 in (1.1 mm) |

#### Electrical Characteristics

**Voltage**

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

#### Mechanical Characteristics

**Bend Radius**

| Stationary Min. | Installation Min. |
|---|---|
| 0.18 in (4.6 mm) | 0.18 in (4.6 mm) |

| | |
|---|---|
| Max. Pull Tension: | 5.5 lbs (2.5 kg) |
| Bulk Cable Weight: | 2 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: 07-03-2024 |

#### Part Numbers

**Variants**

| Item # | Color | Putup Type | Length | UPC | Footnote |
|---|---|---|---|---|---|
| 8504 010100 | Black | Reel | 100 ft | 612825210313 | |

| | | | | | |
|---|---|---|---|---|---|
| 8504 0101000 | Black | Reel | 1,000 ft | 612825210320 | P |
| 8504 006100 | Blue, Light | Reel | 100 ft | 612825210207 | |
| 8504 0061000 | Blue, Light | Reel | 1,000 ft | 612825210214 | P |
| 8504 001100 | Brown | Reel | 100 ft | 612825210054 | |
| 8504 0011000 | Brown | Reel | 1,000 ft | 612825210061 | P |
| 8504 008100 | Gray | Reel | 100 ft | 612825210238 | |
| 8504 0081000 | Gray | Reel | 1,000 ft | 612825210245 | P |
| 8504 005100 | Green, Dark | Reel | 100 ft | 612825210177 | |
| 8504 0051000 | Green, Dark | Reel | 1,000 ft | 612825210184 | P |
| 8504 003100 | Orange | Reel | 100 ft | 612825210115 | |
| 8504 0031000 | Orange | Reel | 1,000 ft | 612825210122 | P |
| 8504 002100 | Red | Reel | 100 ft | 612825210085 | |
| 8504 0021000 | Red | Reel | 1,000 ft | 612825210092 | P |
| 8504 0071000 | Violet | Reel | 1,000 ft | 612825210221 | P |
| 8504 009100 | White | Reel | 100 ft | 612825210269 | |
| 8504 0091000 | White | Reel | 1,000 ft | 612825210276 | P |
| 8504 004100 | Yellow | Reel | 100 ft | 612825210146 | |
| 8504 0041000 | Yellow | Reel | 1,000 ft | 612825210153 | P |

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