



Product: [8500](#)

Lead Wire, #16 Str TC, PVC Ins, TYPE B MIL-W-16878/1

Request Sample

Product Description

Low Temp Plastic Lead Wire, 16AWG (19x29) 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 |
|------------------------|--|

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 16 | 19x29 | TC - Tinned Copper | 1 |

| | |
|------------------|---|
| Conductor Count: | 1 |
|------------------|---|

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.079 in | 0.01 in |

Electrical Characteristics

Voltage

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

Temperature Range

| | |
|---------------------|-------|
| Non-UL Temp Rating: | 105°C |
|---------------------|-------|

Mechanical Characteristics

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 10 lbs/1000ft |
|--------------------|---------------|

Standards

| | |
|----------------------|---------------|
| Military Compliance: | MIL-W-16878/1 |
|----------------------|---------------|

Applicable Environmental and Other Programs

| | |
|------------------------------------|-------------------------------|
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2003/96/EC (BFR): | Yes |
| EU Directive 2011/65/EU (ROHS II): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU: | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |
| EU CE Mark: | Yes |

| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (yyyy-mm-dd): | 2006-04-01 |
| CA Prop 65: | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LSOH, Toxicity Testing

| | |
|--------------------|-----|
| UL voltage rating: | N/A |
|--------------------|-----|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Part Number

Variants

| Item # | Color | Putup Type | Length | UPC |
|--------------|----------------------|------------|----------|--------------|
| 8500 010100 | Black | Reel | 100 ft | 612825209058 |
| 8500 0101000 | Black | Reel | 1,000 ft | 612825209065 |
| 8500 006100 | Blue, Light | Reel | 100 ft | 612825208969 |
| 8500 0061000 | Blue, Light | Reel | 1,000 ft | 612825208976 |
| 8500 0011000 | Brown | Reel | 1,000 ft | 612825208839 |
| 8500 0081000 | Gray | Reel | 1,000 ft | 612825208990 |
| 8500 005100 | Green, Dark | Reel | 100 ft | 612825208945 |
| 8500 0051000 | Green, Dark | Reel | 1,000 ft | 612825208952 |
| 8500 0031000 | Orange | Reel | 1,000 ft | 612825208907 |
| 8500 002100 | Red | Reel | 100 ft | 612825208860 |
| 8500 0021000 | Red | Reel | 1,000 ft | 612825208877 |
| 8500 0071000 | Violet | Reel | 1,000 ft | 612825208983 |
| 8500 009100 | White | Reel | 100 ft | 612825209010 |
| 8500 0091000 | White | Reel | 1,000 ft | 612825209027 |
| 8500 0141000 | White, Black Stripe | Reel | 1,000 ft | 612825209089 |
| 8500 0181000 | White, Blue Stripe | Reel | 1,000 ft | 612825209126 |
| 8500 0191000 | White, Brown Stripe | Reel | 1,000 ft | 612825209133 |
| 8500 0161000 | White, Green Stripe | Reel | 1,000 ft | 612825209102 |
| 8500 0201000 | White, Orange Stripe | Reel | 1,000 ft | 612825209140 |
| 8500 0151000 | White, Red Stripe | Reel | 1,000 ft | 612825209096 |
| 8500 0171000 | White, Yellow Stripe | Reel | 1,000 ft | 612825209119 |
| 8500 004100 | Yellow | Reel | 100 ft | 612825208914 |
| 8500 0041000 | Yellow | Reel | 1,000 ft | 612825208921 |

| | |
|-----------|---|
| Footnote: | P - STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M= FOR 1 OR 2 STRIPES. 10,000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL, WITH A MINIMUM LENGTH OF 100'. |
| Footnote: | A - STOCKED STRIPE COLORS. |

History

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| Update and Revision: | Revision Number: 0.280 Revision Date: 07-26-2020 |
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