



Product: [8530](#)

Lead Wire, #22 Sol TC, PVC Ins, TYPE MW MIL-W-76C-PVC

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 22AWG (Solid) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

Technical Specifications

Product Overview

Suitable Applications: inter-connection circuits, internal wiring of computer and electronic equipments, (Type MW) MIL-W-76C-Low Temp applications

Physical Characteristics (Overall)

Conductor

| AWG | Stranding | Material | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 22 | Solid | TC - Tinned Copper | 1 |

Conductor Count: 1

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.059 in | 0.017 in |

Electrical Characteristics

Voltage

| UL Voltage Rating |
|-------------------|
| 1000 V RMS |

Temperature Range

Non-UL Temp Rating: 80°C

Mechanical Characteristics

| | |
|---------------------------------|--------------|
| Bulk Cable Weight: | 3 lbs/1000ft |
| Minimum Minor Axis Bend Radius: | 0.24 in |

Standards

| | |
|----------------------|--------------------|
| Military Compliance: | MIL-W-76C Type MWP |
|----------------------|--------------------|

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 2): | Yes |
| EU Directive 2012/19/EU (WEEE): | Yes |
| EU Directive 2015/863/EU (RoHS 2 amendment): | Yes |
| EU Directive Compliance: | EU Directive 2003/11/EC (BFR) |

| | |
|-----------------------------|-----|
| EU CE Mark: | Yes |
| CA Prop 65: | Yes |
| MII Order #39 (China RoHS): | Yes |

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Related Part Numbers

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|--------------|-------------|-------------|----------|--------------|
| 8530 010100 | Black | Reel | 100 ft | 612825213109 |
| 8530 0101000 | Black | Reel | 1,000 ft | 612825213116 |
| 8530 006100 | Blue, Light | Reel | 100 ft | 612825213048 |
| 8530 0061000 | Blue, Light | Reel | 1,000 ft | 612825213055 |
| 8530 001100 | Brown | Reel | 100 ft | |
| 8530 0081000 | Gray | Reel | 1,000 ft | 612825213079 |
| 8530 005100 | Green, Dark | Reel | 100 ft | 612825213024 |
| 8530 0051000 | Green, Dark | Reel | 1,000 ft | 612825213031 |
| 8530 003100 | Orange | Reel | 100 ft | 612825212980 |
| 8530 0031000 | Orange | Reel | 1,000 ft | 612825212997 |
| 8530 002100 | Red | Reel | 100 ft | 612825212966 |
| 8530 0021000 | Red | Reel | 1,000 ft | 612825212973 |
| 8530 0071000 | Violet | Reel | 1,000 ft | 612825213062 |
| 8530 009100 | White | Reel | 100 ft | 612825213086 |
| 8530 0091000 | White | Reel | 1,000 ft | 612825213093 |
| 8530 004100 | Yellow | Reel | 100 ft | 612825213000 |
| 8530 0041000 | Yellow | Reel | 1,000 ft | 612825213017 |

Footnote: C - CRATE REEL PUT-UP., 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'.

History

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| Update and Revision: | Revision Number: 0.350 Revision Date: 02-03-2025 |
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