



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 |
|--------------------|--------------|

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 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): | 2005-10-01 |
| 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          |
|--------------|-------------|------------|----------|--------------|
| 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.                                                                                                                                                                                                            |
| 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'. |

History

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Update and Revision: | Revision Number: 0.281 Revision Date: 07-26-2020 |
|----------------------|--------------------------------------------------|

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