



Product: [8529](#)

Lead Wire, #20 Sol TC, PVC Ins, TYPE MW MIL-W-76C-PVC

[Request Sample](#)

Product Description

Low Temp Plastic Lead Wire, 20AWG (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 |
|-----|-----------|--------------------|-------------------|
| 20 | Solid | TC - Tinned Copper | 1 |

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

Insulation

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.066 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: | 5 lbs/1000ft |
| Min. Bend Radius/Minor Axis: | 0.27 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, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

| Item # | Color | Put-Up Type | Length | UPC |
|--------------|-------------|-------------|----------|--------------|
| 8529 010100 | Black | Reel | 100 ft | 612825212935 |
| 8529 0101000 | Black | Reel | 1,000 ft | 612825212942 |
| 8529 0131000 | Blue, Dark | Reel | 1,000 ft | 612825212959 |
| 8529 008100 | Gray | Reel | 100 ft | |
| 8529 0081000 | Gray | Reel | 1,000 ft | |
| 8529 0051000 | Green, Dark | Reel | 1,000 ft | 612825212904 |
| 8529 0021000 | Red | Reel | 1,000 ft | 612825212881 |
| 8529 009100 | White | Reel | 100 ft | 612825212911 |
| 8529 0091000 | White | Reel | 1,000 ft | 612825212928 |
| 8529 0041000 | Yellow | Reel | 1,000 ft | 612825212898 |

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

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| Update and Revision: | Revision Number: 0.341 Revision Date: 08-27-2021 |
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