



**Part Number:** 8529

Hook-Up/ Lead Wire (Type MW) MIL-W-76C-PVC, (1) 20 AWG Solid TC, PVC

**Product Description**

One 20 AWG solid tinned copper, PVC insulation.

**Technical Specifications**

**Physical Characteristics (Overall)**

| Conductor        |           |                    |                   |
|------------------|-----------|--------------------|-------------------|
| AWG              | Stranding | Material           | No. of Conductors |
| 20               | Solid     | TC - Tinned Copper | 1                 |
| Conductor Count: |           | 1                  |                   |
| Conductor Size:  |           | 20 AWG             |                   |

| Insulation               |                  |                        |
|--------------------------|------------------|------------------------|
| Material                 | Nominal Diameter | Nominal Wall Thickness |
| PVC - Polyvinyl Chloride | 0.066 in         | 0.017 in               |

**Outer Jacket Material**

| Material  |
|-----------|
| No Jacket |

**Electrical Characteristics**

|            |            |
|------------|------------|
| Shielding: | Unshielded |
|------------|------------|

**Voltage**

| Voltage Rating [V] |
|--------------------|
| 1000 V             |

**Temperature Range**

|                     |      |
|---------------------|------|
| Non-UL Temp Rating: | 80°C |
|---------------------|------|

**Standards**

|                         |           |
|-------------------------|-----------|
| UL AWM Style:           | N/A       |
| Military Specification: | MIL-W-76C |

**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 (CJ for Wire & Cable): | Yes |
| MII Order #39 (China RoHS):       | Yes |

Flammability, LS0H, Toxicity Testing

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

Plenum/Non-Plenum

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

Part Number

Variants

| Item #       | Color       | Footnote |
|--------------|-------------|----------|
| 8529 010100  | Black       |          |
| 8529 0101000 | Black       | P        |
| 8529 0131000 | Blue, Dark  | P        |
| 8529 008100  | Gray        |          |
| 8529 0081000 | Gray        |          |
| 8529 0051000 | Green, Dark | P        |
| 8529 0021000 | Red         | P        |
| 8529 009100  | White       |          |
| 8529 0091000 | White       | P        |
| 8529 0041000 | Yellow      | P        |

|           |                                                                                                                                                                                                                                   |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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'. |
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