



**Part Number: 8538**

Hook-Up/ Lead Wire (Type MW) MIL-W-76C-PVC, (1) 24 AWG Solid TC, PVC

[Request Sample](#)

**Product Description**

One 24 AWG solid tinned copper, PVC insulation.

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 24  | Solid     | TC - Tinned Copper | 1                 |

|                  |        |
|------------------|--------|
| Conductor Count: | 1      |
| Conductor Size:  | 24 AWG |

**Insulation**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.055 in         | 0.017 in               |

**Outer Jacket Material**

|                 |
|-----------------|
| <b>Material</b> |
| No Jacket       |

**Electrical Characteristics**

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

**Voltage**

|                           |
|---------------------------|
| <b>Voltage Rating [V]</b> |
| 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 |
| MIL 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 |
|--------------|-------|----------|
| 8538 010100  | Black |          |
| 8538 009100  | White |          |
| 8538 0091000 | White | 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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