



**Part Number: 8525**

Lead Wire, #24 Str TC, PVC Ins, TYPE MW MIL-W-76C-PVC 1000V 80C

[Request Sample](#)

**Product Description**

Low Temp Plastic Lead Wire, 24AWG (7x32) Tinned Copper, PVC Insulation, TYPE MW MIL-W-76C-PVC 1000V 80C

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

| AWG | Stranding | Material           | No. of Conductors |
|-----|-----------|--------------------|-------------------|
| 24  | 7x32      | TC - Tinned Copper | 1                 |

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

**Insulation**

| Material                 | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.058 in         | 0.017 in               |

**Outer Jacket Material**

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

**Electrical Characteristics**

**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, LSOH, Toxicity Testing

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

## Plenum/Non-Plenum

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

## Part Number

### Variants

| Item #       | Color                | UPC          | Length   | Footnote |
|--------------|----------------------|--------------|----------|----------|
| 8525 010100  | Black                | 612825212652 | 100 ft   |          |
| 8525 0101000 | Black                | 612825212669 | 1,000 ft | P        |
| 8525 0131000 | Blue, Dark           | 612825212683 | 1,000 ft | P        |
| 8525 006100  | Blue, Light          | 612825212546 | 100 ft   |          |
| 8525 0061000 | Blue, Light          | 612825212553 | 1,000 ft | P        |
| 8525 001100  | Brown                | 612825212423 | 100 ft   |          |
| 8525 0011000 | Brown                | 612825212430 | 1,000 ft | P        |
| 8525 0081000 | Gray                 | 612825212607 | 1,000 ft | P        |
| 8525 005100  | Green, Dark          | 612825212522 | 100 ft   |          |
| 8525 0051000 | Green, Dark          | 612825212539 | 1,000 ft | P        |
| 8525 003100  | Orange               | 612825212478 | 100 ft   |          |
| 8525 0031000 | Orange               | 612825212485 | 1,000 ft | P        |
| 8525 002100  | Red                  | 612825212454 | 100 ft   |          |
| 8525 0021000 | Red                  | 612825212461 | 1,000 ft | P        |
| 8525 007100  | Violet               | 612825212560 | 100 ft   |          |
| 8525 0071000 | Violet               | 612825212577 | 1,000 ft | P        |
| 8525 009100  | White                | 612825212621 | 100 ft   |          |
| 8525 0091000 | White                | 612825212638 | 1,000 ft | P        |
| 8525 0141000 | White, Black Stripe  | 612825212690 | 1,000 ft | A        |
| 8525 0181000 | White, Blue Stripe   | 612825212713 | 1,000 ft | A        |
| 8525 0191000 | White, Brown Stripe  | 612825212720 | 1,000 ft | A        |
| 8525 0171000 | White, Yellow Stripe | 612825212706 | 1,000 ft | A        |
| 8525 004100  | Yellow               | 612825212492 | 100 ft   |          |
| 8525 0041000 | Yellow               | 612825212508 | 1,000 ft | 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'. |
| Footnote: | A - STOCKED STRIPE COLORS.  |

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