

# Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



8502 Hook-up/Lead - (Type B) MIL-W-16878/1-PVC



For more Information  
please call

1-800-Belden1



## Description:

Tinned copper conductor, PVC insulation. Covers insulated wire for internal wiring of meters, panels, and electrical or electronic equipment. Temperatures to 105°C.

## Physical Characteristics (Overall)

### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1            | 20  | 7x28      | TC - Tinned Copper |

### Insulation

Insulation Material:

| Insulation Material      | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.254               |

### Overall Insulation

### Overall Cabling

Overall Nominal Diameter: 1.473 mm

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

|                                       |               |
|---------------------------------------|---------------|
| EU CE Mark:                           | Yes           |
| EU Directive 2000/53/EC (ELV):        | Yes           |
| EU Directive 2002/95/EC (RoHS):       | Yes           |
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2006    |
| EU Directive 2002/96/EC (WEEE):       | Yes           |
| EU Directive 2003/11/EC (BFR):        | Yes           |
| CA Prop 65 (CJ for Wire & Cable):     | Yes           |
| MII Order #39 (China RoHS):           | Yes           |
| Military Specification:               | MIL-W-16878/1 |
| MIL Spec Rating:                      | 600 V, 105°C  |

### Plenum/Non-Plenum

Plenum (Y/N): No

## Related Documents:

No related documents are available for this product

## Put Ups and Colors:

| Item #       | Putup  | Ship Weight | Color  | Notes | Item Desc      |
|--------------|--------|-------------|--------|-------|----------------|
| 8502 001100  | 30 MT  | 0.227 KG    | BROWN  |       | 20 STR PVC BRN |
| 8502 0011000 | 305 MT | 2.268 KG    | BROWN  | P     | 20 STR PVC BRN |
| 8502 002100  | 30 MT  | 0.227 KG    | RED    |       | 20 STR PVC RED |
| 8502 0021000 | 305 MT | 2.268 KG    | RED    | P     | 20 STR PVC RED |
| 8502 003100  | 30 MT  | 0.227 KG    | ORANGE |       | 20 STR PVC ORG |

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|              |        |          |             |   |                    |
|--------------|--------|----------|-------------|---|--------------------|
| 8502 0031000 | 305 MT | 2.268 KG | ORANGE      | P | 20 STR PVC ORG     |
| 8502 004100  | 30 MT  | 0.227 KG | YELLOW      |   | 20 STR PVC YEL     |
| 8502 0041000 | 305 MT | 2.268 KG | YELLOW      | P | 20 STR PVC YEL     |
| 8502 005100  | 30 MT  | 0.227 KG | GREEN, DARK |   | 20 STR PVC GRN     |
| 8502 0051000 | 305 MT | 2.268 KG | GREEN, DARK | P | 20 STR PVC GRN     |
| 8502 006100  | 30 MT  | 0.227 KG | BLUE, LIGHT |   | 20 STR PVC LBLU    |
| 8502 0061000 | 305 MT | 2.268 KG | BLUE, LIGHT | P | 20 STR PVC LT.BLU  |
| 8502 007100  | 30 MT  | 0.227 KG | VIOLET      |   | 20 STR PVC VIO     |
| 8502 0071000 | 305 MT | 2.268 KG | VIOLET      | P | 20 STR PVC VIO     |
| 8502 008100  | 30 MT  | 0.227 KG | GRAY        |   | 20 STR PVC GRY     |
| 8502 0081000 | 305 MT | 2.268 KG | GRAY        | P | 20 STR PVC GRY     |
| 8502 009100  | 30 MT  | 0.227 KG | WHITE       |   | 20 STR PVC WHT     |
| 8502 0091000 | 305 MT | 2.268 KG | WHITE       | P | 20 STR PVC WHT     |
| 8502 010100  | 30 MT  | 0.227 KG | BLACK       |   | 20 STR PVC BLK     |
| 8502 0101000 | 305 MT | 2.268 KG | BLACK       | P | 20 STR PVC BLK     |
| 8502 0151000 | 305 MT | 2.268 KG | WHITE/RED   | A | 20 STR PVC WHT/RED |
| 8502 0181000 | 305 MT | 2.268 KG | WHITE/BLUE  | A | 20 STR PVC WHT/BLU |

**Notes:**

A = STOCKED STRIPE COLORS.

P = STRIPE COLORS ON STOCK SOLID COLORS. STRIPING ADDER OF \$8.00/M' FOR 1 OR 2 STRIPES. 10000' MINIMUM ORDER FOR COLOR COMBINATION. PUT-UP WILL BE SUBJECT TO TWO PIECES (+ OR -) 10% PER SPOOL

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