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1-800-Belden1



## General 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

Total Number of Conductors: 1

### Insulation

Insulation Material:

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

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 1.473 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C

Bulk Cable Weight: 6.697 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

EU Directive 2011/65/EU (ROHS II): Yes

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

MIL 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

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
31.170

Max. Operating Voltage - Other:

Voltage	Description
600 Vrms	Mil-W-16878/1

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient.	14 amps

## Put Ups and Colors:

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

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8502 001100	100 FT	0.500 LB	BROWN		20 STR PVC BRN
8502 0011000	1,000 FT	5.000 LB	BROWN	P	20 STR PVC BRN
8502 002100	100 FT	0.500 LB	RED		20 STR PVC RED
8502 0021000	1,000 FT	5.000 LB	RED	P	20 STR PVC RED
8502 003100	100 FT	0.500 LB	ORANGE		20 STR PVC ORG
8502 0031000	1,000 FT	5.000 LB	ORANGE	P	20 STR PVC ORG
8502 004100	100 FT	0.500 LB	YELLOW		20 STR PVC YEL
8502 0041000	1,000 FT	5.000 LB	YELLOW	P	20 STR PVC YEL
8502 005100	100 FT	0.500 LB	GREEN, DARK		20 STR PVC GRN
8502 0051000	1,000 FT	5.000 LB	GREEN, DARK	P	20 STR PVC GRN
8502 006100	100 FT	0.500 LB	BLUE, LIGHT		20 STR PVC LBLU
8502 0061000	1,000 FT	5.000 LB	BLUE, LIGHT	P	20 STR PVC LT.BLU
8502 007100	100 FT	0.500 LB	VIOLET		20 STR PVC VIO
8502 0071000	1,000 FT	5.000 LB	VIOLET	P	20 STR PVC VIO
8502 008100	100 FT	0.500 LB	GRAY		20 STR PVC GRY
8502 0081000	1,000 FT	5.000 LB	GRAY	P	20 STR PVC GRY
8502 009100	100 FT	0.500 LB	WHITE		20 STR PVC WHT
8502 0091000	1,000 FT	5.000 LB	WHITE	P	20 STR PVC WHT
8502 010100	100 FT	0.500 LB	BLACK		20 STR PVC BLK
8502 0101000	1,000 FT	5.000 LB	BLACK	P	20 STR PVC BLK
8502 0151000	1,000 FT	5.000 LB	WHITE/RED	A	20 STR PVC WHT/RED
8502 0181000	1,000 FT	5.000 LB	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

Revision Number: 2    Revision Date: 11-07-2014

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