

For more Information
please call

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 (in.)
PVC - Polyvinyl Chloride	.010

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.058 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 4.500 lbs/1000 ft.

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

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

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

9.500

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

© 2016 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.