

For more Information  
please call

1-800-Belden1



## General Description:

Tinned copper, PVC insulation, medium wall. The extruded PVC insulation is flame and ozone resistant. Inert to most chemicals, oils, and solvents. Covers single cond., PVC insulated hook-up wire for internal wiring of electrical and electronic equipment.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	20	10x30	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.4318

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 1.778 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Bulk Cable Weight: 7.441 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): 10/01/2005

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-76C type MWP

MIL Spec Rating: 1000 V, 80°C

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
29.529

Max. Operating Voltage - Other:

Voltage	Description
1000 V RMS	Mil-W-76C

Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient	12 amps

**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8523 001100	100 FT	0.600 LB	BROWN		20 STR PVC BRN
8523 0011000	1,000 FT	6.000 LB	BROWN	P	20 STR PVC BRN
8523 002100	100 FT	0.600 LB	RED		20 STR PVC RED
8523 0021000	1,000 FT	6.000 LB	RED	P	20 STR PVC RED
8523 003100	100 FT	0.600 LB	ORANGE		20 STR PVC ORG
8523 0031000	1,000 FT	6.000 LB	ORANGE	P	20 STR PVC ORG
8523 004100	100 FT	0.600 LB	YELLOW		20 STR PVC YEL
8523 0041000	1,000 FT	6.000 LB	YELLOW	P	20 STR PVC YEL
8523 005100	100 FT	0.600 LB	GREEN, DARK		20 STR PVC GRN
8523 0051000	1,000 FT	6.000 LB	GREEN, DARK	P	20 STR PVC GRN
8523 006100	100 FT	0.600 LB	BLUE, LIGHT		20 STR PVC LBLU
8523 0061000	1,000 FT	6.000 LB	BLUE, LIGHT	P	20 STR PVC LBLU
8523 007100	100 FT	0.600 LB	VIOLET		20 STR PVC VIO
8523 0071000	1,000 FT	6.000 LB	VIOLET	P	20 STR PVC VIO
8523 008100	100 FT	0.600 LB	GRAY		20 STR PVC GRY
8523 0081000	1,000 FT	6.000 LB	GRAY	P	20 STR PVC GRY
8523 009100	100 FT	0.600 LB	WHITE		20 STR PVC WHT
8523 0091000	1,000 FT	6.000 LB	WHITE	P	20 STR PVC WHT
8523 010100	100 FT	0.600 LB	BLACK		20 STR PVC BLK
8523 0101000	1,000 FT	6.000 LB	BLACK	P	20 STR PVC BLK
8523 013100	100 FT	0.600 LB	BLUE, DARK		20 STR PVC DBLU
8523 0131000	1,000 FT	6.000 LB	BLUE, DARK	P	20 STR PVC DBLU
8523 0141000	1,000 FT	6.000 LB	WHITE/BLACK	A	20 STR PVC WHT/BLK
8523 0161000	1,000 FT	6.000 LB	WHITE/GREEN	A	20 STR PVC WHT/GRN 1
8523 018100	100 FT	0.600 LB	WHITE/BLUE	A	20 STR PVC WHT/BLU
8523 0181000	1,000 FT	6.000 LB	WHITE/BLUE	A	20 STR PVC WHT/BLU
8523 0211000	1,000 FT	6.000 LB	WHITE/GRAY	A	20 STR PVC WHT/GRY

**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: 1 Revision Date: 09-03-2013

© 2015 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.