

For more Information
please call

1-800-Belden1

**General Description:**

Tinned copper conductor, semi-rigid PVC insulation (solid conductors suitable for wire wrap applications).

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	22	7x30	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: 0.050 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 3 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

UL Rating: 300 V RMS, 80°C

CSA Rating: 300 V RMS, 80°C

CSA Type: AWM I, A/B

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

Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.000

Max. Operating Voltage - Other:

Voltage	Description
600 Vrms	Mil-W-16878/4

Max. Recommended Current:

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

9983 Hook-up/Lead - UL AWM Style 1061

Description	Current
Single conductor in free air @ 30C ambient	10 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9983 001100	100 FT	0.400 LB	BROWN		22 STR PVC BRN
9983 0011000	1,000 FT	4.000 LB	BROWN	P	22 STR PVC BRN
9983 002100	100 FT	0.400 LB	RED		22 STR PVC RED
9983 0021000	1,000 FT	4.000 LB	RED	P	22 STR PVC RED
9983 003100	100 FT	0.400 LB	ORANGE		22 STR PVC ORG
9983 0031000	1,000 FT	4.000 LB	ORANGE	P	22 STR PVC ORG
9983 004100	100 FT	0.400 LB	YELLOW		22 STR PVC YEL
9983 0041000	1,000 FT	4.000 LB	YELLOW	P	22 STR PVC YEL
9983 005100	100 FT	0.400 LB	GREEN, DARK		22 STR PVC GRN
9983 0051000	1,000 FT	4.000 LB	GREEN, DARK	P	22 STR PVC GRN
9983 0071000	1,000 FT	4.000 LB	VIOLET	P	22 STR PVC VIO
9983 0081000	1,000 FT	4.000 LB	GRAY	P	22 STR PVC GRY
9983 009100	100 FT	0.400 LB	WHITE		22 STR PVC WHT
9983 0091000	1,000 FT	4.000 LB	WHITE	C P	22 STR PVC WHT
9983 010100	100 FT	0.400 LB	BLACK		22 STR PVC BLK
9983 0101000	1,000 FT	4.000 LB	BLACK	P	22 STR PVC BLK
9983 01010000	10,000 FT	30.000 LB	BLACK	P	#22 STR PVC BLK
9983 013100	100 FT	0.400 LB	BLUE, DARK		22 STR PVC DK.BLU
9983 0131000	1,000 FT	4.000 LB	BLUE, DARK	P	22 STR PVC DK.BLU

Notes:

C = CRATE REEL PUT-UP.

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: 05-14-2013

© 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

[9983 0101000](#) [9983 010100](#) [9983 013100](#) [9983 0131000](#) [9983 0011000](#) [9983 005100](#) [9983 0051000](#) [9983 003100](#) [9983 0031000](#) [9983 002100](#) [9983 0021000](#) [9983 0071000](#) [9983 009100](#) [9983 0091000](#) [9983 004100](#)
[9983 0041000](#)