

For more Information  
please call

1-800-Belden1



## General Description:

14 AWG stranded (41x30) tinned copper conductor, PVC insulation. Rated 105°C, 600V. Rated 2500V peak for electronic circuits, and internal wiring of electronic and electrical equipment.

## Physical Characteristics (Overall)

### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
1	14	41x30	TC - Tinned Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)	Min. Avg. Wall (mm)
PVC - Polyvinyl Chloride	0.826	0.762

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 3.505 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

Bulk Cable Weight: 28.276 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL Rating: 600 V, 105°C

UL Type: MTW or TW

CSA Rating: 600 V, 105°C

CSA Type: AWM I A/B or TEW

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): 07/01/2005

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

### Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

## Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
7.874

Max. Operating Voltage - UL:

Voltage
600 VRMS

# Detailed Specifications & Technical Data



## METRIC MEASUREMENT VERSION

## 8916 Hook-up/Lead - UL AWM Style 1015

### Max. Recommended Current:

Description	Current
Single conductor in free air @ 30C ambient.	39 amps

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8916 001100	100 FT	2.700 LB	BROWN		14 STR PVC BRN
8916 0014000	4,000 FT	80.000 LB	BROWN	C P	14 STR PVC BRN
8916 001500	500 FT	10.500 LB	BROWN		14 STR PVC BRN
8916 002100	100 FT	2.700 LB	RED		14 STR PVC RED
8916 0024000	4,000 FT	80.000 LB	RED	C P	14 STR PVC RED
8916 002500	500 FT	10.500 LB	RED		14 STR PVC RED
8916 003100	100 FT	2.700 LB	ORANGE		14 STR PVC ORG
8916 003500	500 FT	10.500 LB	ORANGE		14 STR PVC ORG
8916 004100	100 FT	2.700 LB	YELLOW		14 STR PVC YEL
8916 004500	500 FT	10.500 LB	YELLOW		14 STR PVC YEL
8916 005100	100 FT	2.700 LB	GREEN, DARK		14 STR PVC D GRN
8916 0054000	4,000 FT	80.000 LB	GREEN, DARK	C P	14 STR PVC DGRN
8916 005500	500 FT	10.500 LB	GREEN, DARK		14 STR PVC D GRN
8916 007500	500 FT	10.500 LB	VIOLET	P	14 STR PVC VIO
8916 008500	500 FT	10.500 LB	GRAY	P	#14 STR PVC GRY
8916 009100	100 FT	2.700 LB	WHITE		14 STR PVC WHT
8916 009500	500 FT	10.500 LB	WHITE		14 STR PVC WHT
8916 010100	100 FT	2.700 LB	BLACK		14 STR PVC BLK
8916 0104000	4,000 FT	80.000 LB	BLACK	C	#14 STR PVC BLK
8916 010500	500 FT	10.500 LB	BLACK		14 STR PVC BLK
8916 013100	100 FT	2.700 LB	BLUE, DARK		14 STR PVC D BLU
8916 013500	500 FT	10.500 LB	BLUE, DARK		14 STR PVC D BLU
8916 189100	100 FT	2.700 LB	GREEN/YELLOW	A	14 STR PVC GRN/YEL
8916 189500	500 FT	10.500 LB	GREEN/YELLOW	A	14 STR PVC GRN/YEL

### Notes:

A = STOCKED STRIPE COLORS.

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: 04-23-2013

© 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.