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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 (in.)	Min. Avg. Wall (in.)
PVC - Polyvinyl Chloride	0.033	0.030

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.138 in.

## Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 19 lbs/1000 ft.

## 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:

<b>DCR @ 20°C (Ohm/1000 ft)</b>
2.400

### Max. Operating Voltage - UL:

<b>Voltage</b>
600 VRMS

### 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

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

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