

For more Information
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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 (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

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	30 MT	1.225 KG	BROWN		14 STR PVC BRN
8916 0014000	1,219 MT	36.288 KG	BROWN	C P	14 STR PVC BRN
8916 001500	152 MT	4.763 KG	BROWN		14 STR PVC BRN
8916 002100	30 MT	1.225 KG	RED		14 STR PVC RED
8916 0024000	1,219 MT	36.288 KG	RED	C P	14 STR PVC RED
8916 002500	152 MT	4.763 KG	RED		14 STR PVC RED
8916 003100	30 MT	1.225 KG	ORANGE		14 STR PVC ORG
8916 003500	152 MT	4.763 KG	ORANGE		14 STR PVC ORG
8916 004100	30 MT	1.225 KG	YELLOW		14 STR PVC YEL
8916 004500	152 MT	4.763 KG	YELLOW		14 STR PVC YEL
8916 005100	30 MT	1.225 KG	GREEN, DARK		14 STR PVC D GRN
8916 0054000	1,219 MT	36.288 KG	GREEN, DARK	C P	14 STR PVC DGRN
8916 005500	152 MT	4.763 KG	GREEN, DARK		14 STR PVC D GRN
8916 007500	152 MT	4.763 KG	VIOLET	P	#14 STR PVC VIO
8916 008500	152 MT	4.763 KG	GRAY	P	#14 STR PVC GRY
8916 009100	30 MT	1.225 KG	WHITE		14 STR PVC WHT
8916 009500	152 MT	4.763 KG	WHITE		14 STR PVC WHT
8916 010100	30 MT	1.225 KG	BLACK		14 STR PVC BLK
8916 0104000	1,219 MT	36.288 KG	BLACK	C	#14 STR PVC BLK
8916 010500	152 MT	4.763 KG	BLACK		14 STR PVC BLK
8916 013100	30 MT	1.225 KG	BLUE, DARK		14 STR PVC D BLU
8916 013500	152 MT	4.763 KG	BLUE, DARK		14 STR PVC D BLU
8916 189100	30 MT	1.225 KG	GREEN/YELLOW	A	14 STR PVC GRN/YEL
8916 189500	152 MT	4.763 KG	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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