

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

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- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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