

For more Information
please call

1-800-Belden1



General Description:

Tinned copper, PVC insulation, medium wall. The extruded PVC insulation is flame and ozone resistant. Inert to most chemicals, oils, and solvents. Covers single cond., PVC insulated hook-up wire for internal wiring of electrical and electronic equipment.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1 | 18 | 16x30 | TC - Tinned Copper |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .017 |

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.080 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +80°C

Bulk Cable Weight: 7 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

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

Military Specification: MIL-W-76C type MWP

MIL Spec Rating: 1000 V, 80°C

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.350

Max. Operating Voltage - Other:

Voltage Description

1000 V RMS Mil-W-76C

Max. Recommended Current:

Description Current

Single conductor in free air @ 30C ambient 16 amps

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------------------|-------|------------------------|
| 8522 001100 | 100 FT | 0.800 LB | BROWN | | 18 STR PVC BRN |
| 8522 0011000 | 1,000 FT | 8.000 LB | BROWN | P | 18 STR PVC BRN |
| 8522 002100 | 100 FT | 0.800 LB | RED | | 18 STR PVC RED |
| 8522 0021000 | 1,000 FT | 8.000 LB | RED | P | 18 STR PVC RED |
| 8522 003100 | 100 FT | 0.800 LB | ORANGE | | 18 STR PVC ORG |
| 8522 0031000 | 1,000 FT | 8.000 LB | ORANGE | P | 18 STR PVC ORG |
| 8522 004100 | 100 FT | 0.800 LB | YELLOW | | 18 STR PVC YEL |
| 8522 0041000 | 1,000 FT | 8.000 LB | YELLOW | P | 18 STR PVC YEL |
| 8522 005100 | 100 FT | 0.800 LB | GREEN, DARK | | 18 STR PVC GRN |
| 8522 0051000 | 1,000 FT | 8.000 LB | GREEN, DARK | P | 18 STR PVC GRN |
| 8522 006100 | 100 FT | 0.800 LB | BLUE, LIGHT | | 18 STR PVC LBLU |
| 8522 0061000 | 1,000 FT | 8.000 LB | BLUE, LIGHT | P | 18 STR PVC LBLU |
| 8522 007100 | 100 FT | 0.800 LB | VIOLET | | 18 STR PVC VIO |
| 8522 0071000 | 1,000 FT | 8.000 LB | VIOLET | P | 18 STR PVC VIO |
| 8522 008100 | 100 FT | 0.800 LB | GRAY | | 18 STR PVC GRY |
| 8522 0081000 | 1,000 FT | 8.000 LB | GRAY | P | 18 STR PVC GRY |
| 8522 009100 | 100 FT | 0.800 LB | WHITE | | 18 STR PVC WHT |
| 8522 0091000 | 1,000 FT | 8.000 LB | WHITE | P | 18 STR PVC WHT |
| 8522 010100 | 100 FT | 0.800 LB | BLACK | | 18 STR PVC BLK |
| 8522 0101000 | 1,000 FT | 8.000 LB | BLACK | P | 18 STR PVC BLK |
| 8522 0111000 | 1,000 FT | 8.000 LB | TAN | P | 18 STR PVC TAN |
| 8522 0121000 | 1,000 FT | 8.000 LB | PINK | P | 18 STR PVC PNK |
| 8522 013100 | 100 FT | 0.800 LB | BLUE, DARK | | 18 STR PVC DBLU |
| 8522 0131000 | 1,000 FT | 8.000 LB | BLUE, DARK | P | 18 STR PVC DBLU |
| 8522 014100 | 100 FT | 0.800 LB | WHITE/BLACK | A | 18 STR PVC WHT/BLK |
| 8522 0141000 | 1,000 FT | 8.000 LB | WHITE/BLACK | A | 18 STR PVC WHT/BLK |
| 8522 0151000 | 1,000 FT | 8.000 LB | WHITE/RED | A | 18 STR PVC WHT/RED |
| 8522 0161000 | 1,000 FT | 8.000 LB | WHITE/GREEN | A | 18 STR PVC WHT/GRN |
| 8522 018100 | 100 FT | 0.800 LB | WHITE/BLUE | A | 18 STR PVC WHT/BLU |
| 8522 0181000 | 1,000 FT | 8.000 LB | WHITE/BLUE | A | 18 STR PVC WHT/BLU |
| 8522 020100 | 100 FT | 0.800 LB | WHITE/ORANGE | A | 18 STR PVC WHT/ORG |
| 8522 0201000 | 1,000 FT | 8.000 LB | WHITE/ORANGE | A | 18 STR PVC WHT/ORG |
| 8522 0261000 | 1,000 FT | 8.000 LB | WHITE/BLACK/BLUE | A | 18 STR PVC WHT/BLK/BLU |
| 8522 0301000 | 1,000 FT | 8.000 LB | WHITE/BLACK/VIOLET | A | 18 STR PVC WHT/BLK/VIO |

Notes:

A = STOCKED STRIPE COLORS.

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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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.