

For more Information
please call

1-800-Belden1



General Description:

Tinned copper conductor, semi-rigid PVC insulation (solid conductors suitable for wire wrap applications).

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 1 | 22 | 7x30 | TC - Tinned Copper |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--------------------------|---------------------|
| PVC - Polyvinyl Chloride | 0.254 |

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.270 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +80°C

Bulk Cable Weight: 4.465 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 300 V RMS, 80°C

CSA Rating: 300 V RMS, 80°C

CSA Type: AWM I, A/B

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

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/km) |
|---------------------|
| 49.215 |

Max. Operating Voltage - Other:

| Voltage | Description |
|----------|---------------|
| 600 Vrms | Mil-W-16878/4 |

Max. Recommended Current:

| Description | Current |
|--|---------|
| Single conductor in free air @ 30C ambient | 10 amps |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------------|-------|-------------------|
| 9983 001100 | 30 MT | 0.181 KG | BROWN | | 22 STR PVC BRN |
| 9983 0011000 | 305 MT | 1.814 KG | BROWN | P | 22 STR PVC BRN |
| 9983 002100 | 30 MT | 0.181 KG | RED | | 22 STR PVC RED |
| 9983 0021000 | 305 MT | 1.814 KG | RED | P | 22 STR PVC RED |
| 9983 003100 | 30 MT | 0.181 KG | ORANGE | | 22 STR PVC ORG |
| 9983 0031000 | 305 MT | 1.814 KG | ORANGE | P | 22 STR PVC ORG |
| 9983 004100 | 30 MT | 0.181 KG | YELLOW | | 22 STR PVC YEL |
| 9983 0041000 | 305 MT | 1.814 KG | YELLOW | P | 22 STR PVC YEL |
| 9983 005100 | 30 MT | 0.181 KG | GREEN, DARK | | 22 STR PVC GRN |
| 9983 0051000 | 305 MT | 1.814 KG | GREEN, DARK | P | 22 STR PVC GRN |
| 9983 0071000 | 305 MT | 1.814 KG | VIOLET | P | 22 STR PVC VIO |
| 9983 0081000 | 305 MT | 1.814 KG | GRAY | P | 22 STR PVC GRY |
| 9983 009100 | 30 MT | 0.181 KG | WHITE | | 22 STR PVC WHT |
| 9983 0091000 | 305 MT | 1.814 KG | WHITE | C P | 22 STR PVC WHT |
| 9983 010100 | 30 MT | 0.181 KG | BLACK | | 22 STR PVC BLK |
| 9983 0101000 | 305 MT | 1.814 KG | BLACK | P | 22 STR PVC BLK |
| 9983 01010000 | 3,048 MT | 13.608 KG | BLACK | P | #22 STR PVC BLK |
| 9983 013100 | 30 MT | 0.181 KG | BLUE, DARK | | 22 STR PVC DK.BLU |
| 9983 0131000 | 305 MT | 1.814 KG | BLUE, DARK | P | 22 STR PVC DK.BLU |

Notes:

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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