

For more Information
please call

1-800-Belden1



General Description:

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|----------------------------|
| 1 | 22 | 7x30 | SPC - Silver Plated Copper |

Total Number of Conductors: 1

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------------|----------------------|
| TFE - Tetrafluoroethylene | .010 |

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.050 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

Bulk Cable Weight: 4 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL Rating: 105°C

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): 04/01/2005

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

Military Specification: NEMA HP3, MIL-W-16878/4

MIL Spec Rating: 600 V, 200°C

Flame Test

UL Flame Test: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Electrical Characteristics (Overall)

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 15.250 |

Max. Operating Voltage - Other:

| Voltage | Description |
|----------|---------------|
| 600 VRMS | MIL-W-16878/4 |

Max. Recommended Current:

| Description | Current |
|-------------|---------|
|-------------|---------|

| | |
|---------------------------------------|----------|
| Mil-Std-975M Table 3.16 (single wire) | 4.5 amps |
|---------------------------------------|----------|

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------------|-------|-------------------|
| 83005 001100 | 100 FT | 0.400 LB | BROWN | E | #22 STR TFE BRN |
| 83005 0011000 | 1,000 FT | 4.000 LB | BROWN | E S | #22 STR TFE BRN |
| 83005 002100 | 100 FT | 0.400 LB | RED | E | #22 STR TFE RED |
| 83005 0021000 | 1,000 FT | 4.000 LB | RED | E S | #22 STR TFE RED |
| 83005 003100 | 100 FT | 0.400 LB | ORANGE | E | #22 STR TFE ORG |
| 83005 0031000 | 1,000 FT | 4.000 LB | ORANGE | E S | #22 STR TFE ORG |
| 83005 004100 | 100 FT | 0.400 LB | YELLOW | E | #22 STR TFE YEL |
| 83005 0041000 | 1,000 FT | 4.000 LB | YELLOW | E S | #22 STR TFE YEL |
| 83005 005100 | 100 FT | 0.400 LB | GREEN, DARK | E | #22 STR TFE GRNDK |
| 83005 0051000 | 1,000 FT | 4.000 LB | GREEN, DARK | E S | #22 STR TFE GRNDK |
| 83005 006100 | 100 FT | 0.400 LB | BLUE, LIGHT | E | #22 STR TFE BLULT |
| 83005 0061000 | 1,000 FT | 4.000 LB | BLUE, LIGHT | E S | #22 STR TFE BLULT |
| 83005 007100 | 100 FT | 0.400 LB | VIOLET | E | #22 STR TFE VIO |
| 83005 0071000 | 1,000 FT | 4.000 LB | VIOLET | E S | #22 STR TFE VIO |
| 83005 008100 | 100 FT | 0.400 LB | GRAY | E | #22 STR TFE GRY |
| 83005 0081000 | 1,000 FT | 4.000 LB | GRAY | E S | #22 STR TFE GRY |
| 83005 009100 | 100 FT | 0.400 LB | WHITE | E | #22 STR TFE WHT |
| 83005 0091000 | 1,000 FT | 4.000 LB | WHITE | E S | #22 STR TFE WHT |
| 83005 010100 | 100 FT | 0.400 LB | BLACK | E | #22 STR TFE BLK |
| 83005 0101000 | 1,000 FT | 4.000 LB | BLACK | | #22 STR TFE BLK |

Notes:

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'
 S = STRIPING ADDERS FOR TYPES E AND EE: 123 STRIPES. MINIMUM ORDER 10

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