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please call

1-800-Belden1



### Description:

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

### Physical Characteristics (Overall)

#### Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material         |
|--------------|-----|-----------|----------------------------|
| 1            | 28  | 7x36      | SPC - Silver Plated Copper |

#### Insulation

Insulation Material:

| Insulation Material       | Wall Thickness (mm) |
|---------------------------|---------------------|
| TFE - Tetrafluoroethylene | 0.254               |

#### Overall Insulation

#### Overall Cabling

Overall Nominal Diameter: 0.889 mm

### Mechanical Characteristics (Overall)

Bulk Cable Weight: 1.935 Kg/Km

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| UL AWM Style:                         | 1213                                 |
| UL Rating:                            | 105°C                                |
| 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                                  |
| MIL Order #39 (China RoHS):           | Yes                                  |
| Military Specification:               | MIL-W-16878/4 (Except For Stranding) |
| MIL Spec Rating:                      | 600 V, 200°C                         |

#### Flame Test

UL Flame Test: VW-1

#### Plenum/Non-Plenum

Plenum (Y/N): No

### Electrical Characteristics (Overall)

Max. Recommended Current:

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

|                                        |          |
|----------------------------------------|----------|
| Single conductor in ambient air of 30C | 1.8 amps |
|----------------------------------------|----------|

**Related Documents:**

No related documents are available for this product

**Put Ups and Colors:**

| Item #        | Putup  | Ship Weight | Color       | Notes | Item Desc         |
|---------------|--------|-------------|-------------|-------|-------------------|
| 83001 001100  | 30 MT  | 0.045 KG    | BROWN       | E     | #28 STR TFE BRN   |
| 83001 0011000 | 305 MT | 0.454 KG    | BROWN       | E S   | #28 STR TFE BRN   |
| 83001 002100  | 30 MT  | 0.045 KG    | RED         | E     | #28 STR TFE RED   |
| 83001 0021000 | 305 MT | 0.454 KG    | RED         | E S   | #28 STR TFE RED   |
| 83001 003100  | 30 MT  | 0.045 KG    | ORANGE      | E     | #28 STR TFE ORG   |
| 83001 0031000 | 305 MT | 0.454 KG    | ORANGE      | E S   | #28 STR TFE ORG   |
| 83001 004100  | 30 MT  | 0.045 KG    | YELLOW      | E     | #28 STR TFE YEL   |
| 83001 0041000 | 305 MT | 0.454 KG    | YELLOW      | E S   | #28 STR TFE YEL   |
| 83001 005100  | 30 MT  | 0.045 KG    | GREEN, DARK | E     | #28 STR TFE GRNDK |
| 83001 0051000 | 305 MT | 0.454 KG    | GREEN, DARK | E S   | #28 STR TFE GRNDK |
| 83001 006100  | 30 MT  | 0.045 KG    | BLUE, LIGHT | E     | #28 STR TFE BLULT |
| 83001 0061000 | 305 MT | 0.454 KG    | BLUE, LIGHT | E S   | #28 STR TFE BLULT |
| 83001 007100  | 30 MT  | 0.045 KG    | VIOLET      | E     | #28 STR TFE VIO   |
| 83001 0071000 | 305 MT | 0.454 KG    | VIOLET      | E S   | #28 STR TFE VIO   |
| 83001 008100  | 30 MT  | 0.045 KG    | GRAY        | E     | #28 STR TFE GRY   |
| 83001 0081000 | 305 MT | 0.454 KG    | GRAY        | E S   | #28 STR TFE GRY   |
| 83001 009100  | 30 MT  | 0.045 KG    | WHITE       | E     | #28 STR TFE WHT   |
| 83001 0091000 | 305 MT | 0.454 KG    | WHITE       | E S   | #28 STR TFE WHT   |
| 83001 010100  | 30 MT  | 0.045 KG    | BLACK       | E     | #28 STR TFE BLK   |
| 83001 0101000 | 305 MT | 0.454 KG    | BLACK       | E S   | #28 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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