

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 (mm) |
|---------------------------|---------------------|
| TFE - Tetrafluoroethylene | 0.1524 |

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.067 mm

Mechanical Characteristics (Overall)

Bulk Cable Weight: 4.465 Kg/Km

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-16878/6 |
| MIL Spec Rating: | 250 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 |
|---------------------------------------|----------|
| Mil-Std-975M Table 3.16 (Single wire) | 4.5 amps |

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------------|-------|-------------------|
| 83049 001100 | 100 FT | 0.300 LB | BROWN | E | #22 STR TFE BRN |
| 83049 0011000 | 1,000 FT | 3.000 LB | BROWN | E S | #22 STR TFE BRN |
| 83049 002100 | 100 FT | 0.300 LB | RED | E | #22 STR TFE RED |
| 83049 0021000 | 1,000 FT | 3.000 LB | RED | E S | #22 STR TFE RED |
| 83049 003100 | 100 FT | 0.300 LB | ORANGE | E | #22 STR TFE ORG |
| 83049 0031000 | 1,000 FT | 3.000 LB | ORANGE | E S | #22 STR TFE ORG |
| 83049 004100 | 100 FT | 0.300 LB | YELLOW | E | #22 STR TFE YEL |
| 83049 0041000 | 1,000 FT | 3.000 LB | YELLOW | E S | #22 STR TFE YEL |
| 83049 005100 | 100 FT | 0.300 LB | GREEN, DARK | E | #22 STR TFE GRNDK |
| 83049 006100 | 100 FT | 0.300 LB | BLUE, LIGHT | E | #22 STR TFE BLULT |
| 83049 0061000 | 1,000 FT | 3.000 LB | BLUE, LIGHT | E S | #22 STR TFE BLULT |
| 83049 007100 | 100 FT | 0.300 LB | VIOLET | E | #22 STR TFE VIO |
| 83049 008100 | 100 FT | 0.300 LB | GRAY | E | #22 STR TFE GRY |
| 83049 0081000 | 1,000 FT | 3.000 LB | GRAY | E S | #22 STR TFE GRY |
| 83049 009100 | 100 FT | 0.300 LB | WHITE | E | #22 STR TFE WHT |
| 83049 0091000 | 1,000 FT | 3.000 LB | WHITE | E S | #22 STR TFE WHT |
| 83049 010100 | 100 FT | 0.300 LB | BLACK | E | #22 STR TFE BLK |
| 83049 0101000 | 1,000 FT | 3.000 LB | BLACK | E S | #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

Revision Number: 2 Revision Date: 10-03-2016

© 2019 Belden, Inc
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale. Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product. Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).