



For more Information
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 | 18 | 19x30 | SPC - Silver Plated Copper |

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|---------------------------|----------------------|
| TFE - Tetrafluoroethylene | .015 |

Overall Insulation

Overall Cabling

Overall Nominal Diameter: 0.078 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

| | |
|---------------------------------------|--------------------------------------|
| UL AWM Style: | 1180 |
| UL Rating: | 300 V RMS, 200°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 |
| MII Order #39 (China RoHS): | Yes |
| Military Specification: | MIL-W-16878/5 (Except For Stranding) |
| MIL Spec Rating: | 1000 V, 200°C |

Flame Test

UL Flame Test: VW-1

Plenum/Non-Plenum

Plenum (Y/N): No

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|---------------|----------|-------------|-------|-------|-----------------|
| 83029 001100 | 100 FT | 0.900 LB | BROWN | | #18 STR TFE BRN |
| 83029 0011000 | 1,000 FT | 10.000 LB | BROWN | S W | #18 STR TFE BRN |
| 83029 002100 | 100 FT | 0.900 LB | RED | | #18 STR TFE RED |
| 83029 0021000 | 1,000 FT | 10.000 LB | RED | S W | #18 STR TFE RED |

83029 Hook-up/Lead - UL AWM Style 1180

| | | | | | |
|---------------|----------|-----------|-------------|-----|-------------------|
| 83029 002500 | 500 FT | 5.000 LB | ORANGE | S W | #18 STR TFE RED |
| 83029 003100 | 100 FT | 0.900 LB | ORANGE | | #18 STR TFE ORG |
| 83029 0031000 | 1,000 FT | 10.000 LB | ORANGE | S W | #18 STR TFE ORG |
| 83029 004100 | 100 FT | 0.900 LB | YELLOW | | #18 STR TFE YEL |
| 83029 0041000 | 1,000 FT | 10.000 LB | YELLOW | S W | #18 STR TFE YEL |
| 83029 005100 | 100 FT | 0.900 LB | GREEN, DARK | | #18 STR TFE GRNDK |
| 83029 0051000 | 1,000 FT | 10.000 LB | GREEN, DARK | S W | #18 STR TFE GRNDK |
| 83029 005500 | 500 FT | 5.000 LB | GREEN, DARK | S W | #18 STR TFE GRNDK |
| 83029 006100 | 100 FT | 0.900 LB | BLUE, LIGHT | | #18 STR TFE BLULT |
| 83029 0061000 | 1,000 FT | 10.000 LB | BLUE, LIGHT | S W | #18 STR TFE BLULT |
| 83029 006500 | 500 FT | 5.000 LB | BLUE, LIGHT | S W | #18 STR TFE BLULT |
| 83029 007100 | 100 FT | 0.900 LB | VIOLET | | #18 STR TFE VIO |
| 83029 0071000 | 1,000 FT | 10.000 LB | VIOLET | S W | #18 STR TFE VIO |
| 83029 008100 | 100 FT | 0.900 LB | GRAY | | #18 STR TFE GRY |
| 83029 0081000 | 1,000 FT | 10.000 LB | GRAY | S W | #18 STR TFE GRY |
| 83029 009100 | 100 FT | 0.900 LB | WHITE | | #18 STR TFE WHT |
| 83029 0091000 | 1,000 FT | 10.000 LB | WHITE | S W | #18 STR TFE WHT |
| 83029 009500 | 500 FT | 5.000 LB | WHITE | S W | #18 STR TFE WHT |
| 83029 010100 | 100 FT | 0.900 LB | BLACK | | #18 STR TFE BLK |
| 83029 0101000 | 1,000 FT | 10.000 LB | BLACK | S W | #18 STR TFE BLK |
| 83029 010500 | 500 FT | 5.000 LB | BLACK | S W | #18 STR TFE BLK |

Notes:

S = STRIPING ADDERS FOR TYPES E AND EE: 123 STRIPES. MINIMUM ORDER 10
 W = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 75'

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