

## 83009 Hook-up/Lead - UL AWM Style 1371

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 | .011                 |

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.068 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

|                                       |                                      |
|---------------------------------------|--------------------------------------|
| UL AWM Style:                         | 1371                                 |
| 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                                  |
| MII 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

### Related Documents:

No related documents are available for this product

### Put Ups and Colors:

| Item #       | Putup  | Ship Weight | Color | Notes | Item Desc       |
|--------------|--------|-------------|-------|-------|-----------------|
| 83009 001100 | 100 FT | 0.900 LB    | BROWN |       | #18 STR TFE BRN |

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|               |          |          |             |     |                   |
|---------------|----------|----------|-------------|-----|-------------------|
| 83009 0011000 | 1,000 FT | 9.000 LB | BROWN       | S W | #18 STR TFE BRN   |
| 83009 001500  | 500 FT   | 4.000 LB | BROWN       | S W | #18 STR TFE BRN   |
| 83009 002100  | 100 FT   | 0.900 LB | RED         |     | #18 STR TFE RED   |
| 83009 0021000 | 1,000 FT | 9.000 LB | RED         | S W | #18 STR TFE RED   |
| 83009 002500  | 500 FT   | 4.000 LB | RED         | S W | #18 STR TFE RED   |
| 83009 003100  | 100 FT   | 0.900 LB | ORANGE      |     | #18 STR TFE ORG   |
| 83009 0031000 | 1,000 FT | 9.000 LB | ORANGE      | S W | #18 STR TFE ORG   |
| 83009 003500  | 500 FT   | 4.000 LB | ORANGE      | S W | #18 STR TFE ORG   |
| 83009 004100  | 100 FT   | 0.900 LB | YELLOW      |     | #18 STR TFE YEL   |
| 83009 0041000 | 1,000 FT | 9.000 LB | YELLOW      | S W | #18 STR TFE YEL   |
| 83009 004500  | 500 FT   | 4.000 LB | YELLOW      | S W | #18 STR TFE YEL   |
| 83009 005100  | 100 FT   | 0.900 LB | GREEN, DARK |     | #18 STR TFE GRNDK |
| 83009 0051000 | 1,000 FT | 9.000 LB | GREEN, DARK | S W | #18 STR TFE GRNDK |
| 83009 005500  | 500 FT   | 4.000 LB | GREEN, DARK | S W | #18 STR TFE GRNDK |
| 83009 006100  | 100 FT   | 0.900 LB | BLUE, LIGHT |     | #18 STR TFE BLULT |
| 83009 0061000 | 1,000 FT | 9.000 LB | BLUE, LIGHT | S W | #18 STR TFE BLULT |
| 83009 006500  | 500 FT   | 4.000 LB | BLUE, LIGHT | S W | #18 STR TFE BLULT |
| 83009 007100  | 100 FT   | 0.900 LB | VIOLET      |     | #18 STR TFE VIO   |
| 83009 0071000 | 1,000 FT | 9.000 LB | VIOLET      | S W | #18 STR TFE VIO   |
| 83009 007500  | 500 FT   | 4.000 LB | VIOLET      | S W | #18 STR TFE VIO   |
| 83009 008100  | 100 FT   | 0.900 LB | GRAY        |     | #18 STR TFE GRY   |
| 83009 0081000 | 1,000 FT | 9.000 LB | GRAY        | S W | #18 STR TFE GRY   |
| 83009 008500  | 500 FT   | 4.000 LB | GRAY        | S W | #18 STR TFE GRY   |
| 83009 009100  | 100 FT   | 0.900 LB | WHITE       |     | #18 STR TFE WHT   |
| 83009 0091000 | 1,000 FT | 9.000 LB | WHITE       | S W | #18 STR TFE WHT   |
| 83009 009500  | 500 FT   | 4.000 LB | WHITE       | S W | #18 STR TFE WHT   |
| 83009 010100  | 100 FT   | 0.900 LB | BLACK       |     | #18 STR TFE BLK   |
| 83009 0101000 | 1,000 FT | 9.000 LB | BLACK       | S W | #18 STR TFE BLK   |
| 83009 010500  | 500 FT   | 4.000 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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