

# Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION

**BELDEN**  
SENDING ALL THE RIGHT SIGNALS

83047 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            | 24  | 7x32      | SPC - Silver Plated Copper |

Total Number of Conductors: 1

### Insulation

#### Insulation Material:

| Insulation Material       | Wall Thickness (in.) |
|---------------------------|----------------------|
| TFE - Tetrafluoroethylene | .006                 |

### Overall Insulation

### Overall Cable

Overall Nominal Diameter: 0.036 in.

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

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: 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

## Put Ups and Colors:

| Item #        | Putup    | Ship Weight | Color       | Notes | Item Desc         |
|---------------|----------|-------------|-------------|-------|-------------------|
| 83047 0021000 | 1,000 FT | 2.000 LB    | RED         | E S   | #24 STR TFE RED   |
| 83047 0061000 | 1,000 FT | 2.000 LB    | BLUE, LIGHT | E S   | #24 STR TFE BLULT |
| 83047 0081000 | 1,000 FT | 2.000 LB    | GRAY        | E S   | #24 STR TFE GRY   |
| 83047 0091000 | 1,000 FT | 2.000 LB    | WHITE       | E S   | #24 STR TFE WHT   |

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|               |          |          |       |     |                 |
|---------------|----------|----------|-------|-----|-----------------|
| 83047 0101000 | 1,000 FT | 2.000 LB | BLACK | E S | #24 STR TFE BLK |
|---------------|----------|----------|-------|-----|-----------------|

**Notes:**

E = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 25'  
S = STRIPPING ADDERS FOR TYPES E AND EE: 123 STRIPES. MINIMUM ORDER10

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