

# Detailed Specifications & Technical Data

METRIC MEASUREMENT VERSION



83007 Hook-up/Lead - UL AWM Style 1213

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            | 20  | 19x32     | SPC - Silver Plated Copper |

### Insulation

Insulation Material:

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

### Overall Insulation

### Overall Cabling

Overall Nominal Diameter: 1.473 mm

## 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                                  |
| 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       |
|--------------|-------|-------------|-------|-------|-----------------|
| 83007 001100 | 30 MT | 0.181 KG    | BROWN |       | #20 STR TFE BRN |

## METRIC MEASUREMENT VERSION

## 83007 Hook-up/Lead - UL AWM Style 1213

|               |        |          |             |     |                   |
|---------------|--------|----------|-------------|-----|-------------------|
| 83007 0011000 | 305 MT | 2.722 KG | BROWN       | S W | #20 STR TFE BRN   |
| 83007 002100  | 30 MT  | 0.181 KG | RED         |     | #20 STR TFE RED   |
| 83007 0021000 | 305 MT | 2.722 KG | RED         | S W | #20 STR TFE RED   |
| 83007 002500  | 152 MT | 1.361 KG | RED         | S W | #20 STR TFE RED   |
| 83007 003100  | 30 MT  | 0.181 KG | ORANGE      |     | #20 STR TFE ORG   |
| 83007 0031000 | 305 MT | 2.722 KG | ORANGE      | S W | #20 STR TFE ORG   |
| 83007 004100  | 30 MT  | 0.181 KG | YELLOW      |     | #20 STR TFE YEL   |
| 83007 0041000 | 305 MT | 2.722 KG | YELLOW      | S W | #20 STR TFE YEL   |
| 83007 005100  | 30 MT  | 0.181 KG | GREEN, DARK |     | #20 STR TFE GRNDK |
| 83007 0051000 | 305 MT | 2.722 KG | GREEN, DARK | S W | #20 STR TFE GRNDK |
| 83007 006100  | 30 MT  | 0.181 KG | BLUE, LIGHT |     | #20 STR TFE BLULT |
| 83007 0061000 | 305 MT | 2.722 KG | BLUE, LIGHT | S W | #20 STR TFE BLULT |
| 83007 006500  | 152 MT | 1.361 KG | BLUE, LIGHT | S W | #20 STR TFE BLULT |
| 83007 007100  | 30 MT  | 0.181 KG | VIOLET      |     | #20 STR TFE VIO   |
| 83007 0071000 | 305 MT | 2.722 KG | VIOLET      | S W | #20 STR TFE VIO   |
| 83007 008100  | 30 MT  | 0.181 KG | GRAY        |     | #20 STR TFE GRY   |
| 83007 0081000 | 305 MT | 2.722 KG | GRAY        | S W | #20 STR TFE GRY   |
| 83007 009100  | 30 MT  | 0.181 KG | WHITE       |     | #20 STR TFE WHT   |
| 83007 0091000 | 305 MT | 2.722 KG | WHITE       | S W | #20 STR TFE WHT   |
| 83007 009500  | 152 MT | 1.361 KG | WHITE       | S W | #20 STR TFE WHT   |
| 83007 010100  | 30 MT  | 0.181 KG | BLACK       |     | #20 STR TFE BLK   |
| 83007 0101000 | 305 MT | 2.722 KG | BLACK       | S W | #20 STR TFE BLK   |
| 83007 010500  | 152 MT | 1.361 KG | BLACK       | S W | #20 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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