

For more Information  
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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	19x34	SPC - Silver Plated Copper

Total Number of Conductors: 1

### Insulation

#### Insulation Material:

Insulation Material	Wall Thickness (mm)
TFE - Tetrafluoroethylene	0.381

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 1.524 mm

## Mechanical Characteristics (Overall)

Operating Temperature Range: -70°C To +200°C

Bulk Cable Weight: 5.953 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL Rating: 300 V RMS, 200°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-16878/5 (Except For Stranding)

MIL Spec Rating: 1000 V, 200°C

### Flame Test

UL Flame Test: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/km)
51.676

### Max. Operating Voltage - UL:

Voltage	Description
300V RMS	UL AWM 1180

### Max. Operating Voltage - Other:

Voltage	Description
1000V RMS	Mil-W-16878/5

### 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
83026 001100	30 MT	0.181 KG	BROWN	E	#22 STR TFE BRN
83026 0011000	305 MT	1.814 KG	BROWN	E S	#22 STR TFE BRN
83026 002100	30 MT	0.181 KG	RED	E	#22 STR TFE RED
83026 0021000	305 MT	1.814 KG	RED	E S	#22 STR TFE RED
83026 003100	30 MT	0.181 KG	ORANGE	E	#22 STR TFE ORG
83026 0031000	305 MT	1.814 KG	ORANGE	E S	#22 STR TFE ORG
83026 004100	30 MT	0.181 KG	YELLOW	E	#22 STR TFE YEL
83026 0041000	305 MT	1.814 KG	YELLOW	E S	#22 STR TFE YEL
83026 005100	30 MT	0.181 KG	GREEN, DARK	E	#22 STR TFE GRNDK
83026 0051000	305 MT	1.814 KG	GREEN, DARK	E S	#22 STR TFE GRNDK
83026 006100	30 MT	0.181 KG	BLUE, LIGHT	E	#22 STR TFE BLULT
83026 0061000	305 MT	1.814 KG	BLUE, LIGHT	E S	#22 STR TFE BLULT
83026 007100	30 MT	0.181 KG	VIOLET	E	#22 STR TFE VIO
83026 0071000	305 MT	1.814 KG	VIOLET	E S	#22 STR TFE VIO
83026 008100	30 MT	0.181 KG	GRAY	E	#22 STR TFE GRY
83026 0081000	305 MT	1.814 KG	GRAY	E S	#22 STR TFE GRY
83026 009100	30 MT	0.181 KG	WHITE	E	#22 STR TFE WHT
83026 0091000	305 MT	1.814 KG	WHITE	E S	#22 STR TFE WHT
83026 010100	30 MT	0.181 KG	BLACK	E	#22 STR TFE BLK
83026 0101000	305 MT	1.814 KG	BLACK	E S	#22 STR TFE BLK
83026 010500	152 MT	1.361 KG	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

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## 83026 Hook-up/Lead - UL AWM Style 1180

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.