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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	28	7x36	SPC - Silver Plated Copper

Total Number of Conductors: 1

### Insulation

#### Insulation Material:

Insulation Material	Wall Thickness (mm)
TFE - Tetrafluoroethylene	0.1524

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.686 mm

## Mechanical Characteristics (Overall)

Bulk Cable Weight: 1.488 Kg/Km

## Applicable Specifications and Agency Compliance (Overall)

### Applicable Standards & Environmental Programs

UL Rating:	105°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-16878/6
MIL Spec Rating:	250 V, 200°C

### Flame Test

UL Flame Test: VW-1

### Plenum/Non-Plenum

Plenum (Y/N): No

## Electrical Characteristics (Overall)

Max. Recommended Current:

Description	Current
Mil-Std-975M Table 3.16 (Single wire)	1.8 amps

## Notes (Overall)

**Notes:** Teflon® is a DuPont trademark.

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83045 001100	100 FT	0.100 LB	BROWN	E	#28 STR TFE BRN
83045 0011000	1,000 FT	1.000 LB	BROWN	E S	#28 STR TFE BRN
83045 002100	100 FT	0.100 LB	RED	E	#28 STR TFE RED
83045 0021000	1,000 FT	1.000 LB	RED	E S	#28 STR TFE RED
83045 005100	100 FT	0.100 LB	GREEN, DARK	E	#28 STR TFE GRNDK
83045 0051000	1,000 FT	1.000 LB	GREEN, DARK	E S	#28 STR TFE GRENDK
83045 0061000	1,000 FT	1.000 LB	BLUE, LIGHT	E S	#28 STR TFE BLULT
83045 009100	100 FT	0.100 LB	WHITE	E	#28 STR TFE WHT
83045 0091000	1,000 FT	1.000 LB	WHITE	E S	#28 STR TFE WHT
83045 010100	100 FT	0.100 LB	BLACK	E	#28 STR TFE BLK
83045 0101000	1,000 FT	1.000 LB	BLACK	E S	#28 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

Revision Number: 2    Revision Date: 10-03-2016

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