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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	20	19x32	SPC - Silver Plated Copper

Total Number of Conductors: 1

### Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
TFE - Tetrafluoroethylene	.015

### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.068 in.

## Mechanical Characteristics (Overall)

Bulk Cable Weight: 6.200 lbs/1000 ft.

## 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
MIL 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)

Max. Recommended Current:

Description	Current
Mil-Std-975M Table 3.16 (Single wire)	6.5 amps

## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83027 001100	100 FT	0.600 LB	BROWN		#20 STR TFE BRN
83027 002100	100 FT	0.600 LB	RED		#20 STR TFE RED
83027 0021000	1,000 FT	7.000 LB	RED	S W	#20 STR TFE RED

## 83027 Hook-up/Lead - UL AWM Style 1180

83027 003100	100 FT	0.600 LB	ORANGE		#20 STR TFE ORG
83027 0031000	1,000 FT	7.000 LB	ORANGE	S W	#20 STR TFE ORG
83027 004100	100 FT	0.600 LB	YELLOW		#20 STR TFE YEL
83027 0041000	1,000 FT	7.000 LB	YELLOW	S W	#20 STR TFE YEL
83027 005100	100 FT	0.600 LB	GREEN, DARK		#20 STR TFE GRNDK
83027 0051000	1,000 FT	7.000 LB	GREEN, DARK	S W	#20 STR TFE GRNDK
83027 006100	100 FT	0.600 LB	BLUE, LIGHT		#20 STR TFE BLULT
83027 0061000	1,000 FT	7.000 LB	BLUE, LIGHT	S W	#20 STR TFE BLULT
83027 007100	100 FT	0.600 LB	VIOLET		#20 STR TFE VIO
83027 0071000	1,000 FT	7.000 LB	VIOLET	S W	#20 STR TFE VIO
83027 008100	100 FT	0.600 LB	GRAY		#20 STR TFE GRY
83027 009100	100 FT	0.600 LB	WHITE		#20 STR TFE WHT
83027 0091000	1,000 FT	7.000 LB	WHITE	S W	#20 STR TFE WHT
83027 010100	100 FT	0.600 LB	BLACK		#20 STR TFE BLK
83027 0101000	1,000 FT	7.000 LB	BLACK	S W	#20 STR TFE BLK
83027 010500	500 FT	3.500 LB	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'

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

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