

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	20	19x32	SPC - Silver Plated Copper

Total Number of Conductors: 1

**Insulation**

Insulation Material:

Insulation Material	Wall Thickness (in.)
TFE - Tetrafluoroethylene	0.009

**Overall Insulation**

**Overall Cable**

Overall Nominal Diameter: 0.058 in.

**Mechanical Characteristics (Overall)**

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

Bulk Cable Weight: 5 lbs/1000 ft.

**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-16878/4 (Except For Stranding)
MIL Spec Rating:	600 V, 200°C

**Flame Test**

UL Flame Test: VW-1

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
9.000

Max. Operating Voltage - Other:

Voltage	Description
600 VRMS	MIL-W-16878/4

Max. Recommended Current:

Description	Current
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Mil-Std-975M Table 3.16 (single wire)	6.5 amps
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**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83007 001100	100 FT	0.400 LB	BROWN		#20 STR TFE BRN
83007 0011000	1,000 FT	6.000 LB	BROWN	S W	#20 STR TFE BRN
83007 002100	100 FT	0.400 LB	RED		#20 STR TFE RED
83007 0021000	1,000 FT	6.000 LB	RED	S W	#20 STR TFE RED
83007 002500	500 FT	3.000 LB	RED	S W	#20 STR TFE RED
83007 003100	100 FT	0.400 LB	ORANGE		#20 STR TFE ORG
83007 0031000	1,000 FT	6.000 LB	ORANGE	S W	#20 STR TFE ORG
83007 004100	100 FT	0.400 LB	YELLOW		#20 STR TFE YEL
83007 0041000	1,000 FT	6.000 LB	YELLOW	S W	#20 STR TFE YEL
83007 005100	100 FT	0.400 LB	GREEN, DARK		#20 STR TFE GRNDK
83007 0051000	1,000 FT	6.000 LB	GREEN, DARK	S W	#20 STR TFE GRNDK
83007 006100	100 FT	0.400 LB	BLUE, LIGHT		#20 STR TFE BLULT
83007 0061000	1,000 FT	6.000 LB	BLUE, LIGHT	S W	#20 STR TFE BLULT
83007 006500	500 FT	3.000 LB	BLUE, LIGHT	S W	#20 STR TFE BLULT
83007 007100	100 FT	0.400 LB	VIOLET		#20 STR TFE VIO
83007 0071000	1,000 FT	6.000 LB	VIOLET	S W	#20 STR TFE VIO
83007 008100	100 FT	0.400 LB	GRAY		#20 STR TFE GRY
83007 0081000	1,000 FT	6.000 LB	GRAY	S W	#20 STR TFE GRY
83007 009100	100 FT	0.400 LB	WHITE		#20 STR TFE WHT
83007 0091000	1,000 FT	6.000 LB	WHITE	S W	#20 STR TFE WHT
83007 009500	500 FT	3.000 LB	WHITE	S W	#20 STR TFE WHT
83007 010100	100 FT	0.400 LB	BLACK		#20 STR TFE BLK
83007 0101000	1,000 FT	6.000 LB	BLACK	S W	#20 STR TFE BLK
83007 010500	500 FT	3.000 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: 08-30-2013

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# AMEYA360

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