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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	7x28	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: 6.900 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

UL AWM Style: 1180

UL Rating: 300 V RMS, 200°C

EU Directive 2011/65/EU (ROHS II): Yes

Other Standards: MIL-W-16878/5

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: 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
83028 002100	100 FT	0.600 LB	RED		#20 STR TFE RED
83028 0021000	1,000 FT	7.000 LB	RED	S W	#20 STR TFE RED

83028 Hook-up/Lead - UL AWM Style 1180

83028 003100	100 FT	0.600 LB	ORANGE		#20 STR TFE ORG
83028 0031000	1,000 FT	7.000 LB	ORANGE	S W	#20 STR TFE ORG
83028 005100	100 FT	0.600 LB	GREEN, DARK		#20 STR TFE GRNDK
83028 0051000	1,000 FT	7.000 LB	GREEN, DARK	S W	#20 STR TFE GRNDK
83028 006100	100 FT	0.600 LB	BLUE, LIGHT		#20 STR TFE BLULT
83028 0061000	1,000 FT	7.000 LB	BLUE, LIGHT	S W	#20 STR TFE BLULT
83028 009100	100 FT	0.600 LB	WHITE		#20 STR TFE WHT
83028 0091000	1,000 FT	7.000 LB	WHITE	S W	#20 STR TFE WHT
83028 010100	100 FT	0.600 LB	BLACK		#20 STR TFE BLK
83028 0101000	1,000 FT	7.000 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'

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