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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 (mm)
TFE - Tetrafluoroethylene	0.381

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.727 mm

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

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 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

Detailed Specifications & Technical Data



METRIC MEASUREMENT VERSION

83028 Hook-up/Lead - UL AWM Style 1180

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'

Revision Number: 1 Revision Date: 05-14-2007

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