

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	24	19x36	SPC - Silver Plated Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
TFE - Tetrafluoroethylene	0.254

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.118 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 2.976 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:	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/km)

78.744

Max. Operating Voltage - Other:

Voltage	Description
600 Vrms	Mil-W-16878/4

Max. Recommended Current:

Description	Current
Mil-Std-975M Table 3.16 (single wire)	3.3 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83003 001100	30 MT	0.136 KG	BROWN	E	#24 STR TFE BRN
83003 0011000	305 MT	1.361 KG	BROWN	E	#24 19/36 STR TFE BRN
83003 002100	30 MT	0.136 KG	RED	E	#24 STR TFE RED
83003 0021000	305 MT	1.361 KG	RED		#24 19/36 STR TFE RED
83003 002500	152 MT	0.680 KG	RED	E S	#24 STR TFE RED
83003 003100	30 MT	0.136 KG	ORANGE	E	#24 STR TFE ORG
83003 0031000	305 MT	1.361 KG	ORANGE	E S	#24 19/36 STR TFE ORG
83003 003500	152 MT	0.680 KG	ORANGE	E S	#24 STR TFE ORG
83003 004100	30 MT	0.136 KG	YELLOW	E	#24 STR TFE YEL
83003 0041000	305 MT	1.361 KG	YELLOW	E S	#24 19/36 STR TFE YEL
83003 004500	152 MT	0.680 KG	YELLOW	E S	#24 STR TFE YEL
83003 005100	30 MT	0.136 KG	GREEN, DARK	E	#24 STR TFE GRNDK
83003 0051000	305 MT	1.361 KG	GREEN, DARK	E S	#24 19/36 STR TFE GRNDK
83003 005500	152 MT	0.680 KG	GREEN, DARK	E S	#24 STR TFE GRNDK
83003 006100	30 MT	0.136 KG	BLUE, LIGHT	E	#24 STR TFE BLULT
83003 0061000	305 MT	1.361 KG	BLUE, LIGHT	E S	#24 19/36 STR TFE BLULT
83003 006500	152 MT	0.680 KG	BLUE, LIGHT	E S	#24 STR TFE BLULT
83003 007100	30 MT	0.136 KG	VIOLET	E	#24 STR TFE VIO
83003 0071000	305 MT	1.361 KG	VIOLET	E S	#24 19/36 STR TFE VIO
83003 008100	30 MT	0.136 KG	GRAY	E	#24 STR TFE GRY
83003 0081000	305 MT	1.361 KG	GRAY	E S	#24 19/36 STR TFE GRY
83003 009100	30 MT	0.136 KG	WHITE	E	#24 STR TFE WHT
83003 0091000	305 MT	1.361 KG	WHITE	E S	#24 19/36 STR TFE WHT
83003 009500	152 MT	0.680 KG	WHITE	E S	#24 STR TFE WHT
83003 010100	30 MT	0.136 KG	BLACK	E	#24 STR TFE BLK
83003 0101000	305 MT	1.361 KG	BLACK	E S	#24 19/36 STR TFE BLK
83003 010500	152 MT	0.680 KG	BLACK	E S	#24 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

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83003 Hook-up/Lead - UL AWM Style 1213

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