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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 (in.)
TFE - Tetrafluoroethylene	.015

#### Overall Insulation

#### Overall Cable

Overall Nominal Diameter: 0.054 in.

### Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 3 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)

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
24.000

Max. Operating Voltage - Other:

Voltage	Description
1000 V	Mil-W-16878

Max. Recommended Current:

Description	Current
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Single conductor in free air @ 30C ambient	10 A
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## Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83023 001100	100 FT	0.200 LB	BROWN	E	#24 STR TFE BRN
83023 0011000	1,000 FT	4.000 LB	BROWN	E S	#24 STR TFE BRN
83023 002100	100 FT	0.200 LB	RED	E	#24 STR TFE RED
83023 0021000	1,000 FT	4.000 LB	RED	E S	#24 STR TFE RED
83023 003100	100 FT	0.200 LB	ORANGE	E	124 STR TFE ORG
83023 0031000	1,000 FT	4.000 LB	ORANGE	E S	#24 STR TFE ORG
83023 004100	100 FT	0.200 LB	YELLOW	E	#24 STR TFE YEL
83023 0041000	1,000 FT	4.000 LB	YELLOW	E S	#24 STR TFE YEL
83023 005100	100 FT	0.200 LB	GREEN, DARK	E	#24 STR TFE GRNDK
83023 0051000	1,000 FT	4.000 LB	GREEN, DARK	E S	#24 STR TFE GRNDK
83023 006100	100 FT	0.200 LB	BLUE, LIGHT	E	#24 STR TFE BLULT
83023 0061000	1,000 FT	4.000 LB	BLUE, LIGHT	E S	#24 STR TFE BLULT
83023 007100	100 FT	0.200 LB	VIOLET	E	#24 STR TFE VIO
83023 0071000	1,000 FT	4.000 LB	VIOLET	E S	#24 STR TFE VIO
83023 008100	100 FT	0.200 LB	GRAY	E	#24 STR TFE GRY
83023 0081000	1,000 FT	4.000 LB	GRAY	E S	#24 STR TFE GRY
83023 009100	100 FT	0.200 LB	WHITE	E	#24 STR TFE WHT
83023 0091000	1,000 FT	4.000 LB	WHITE	E S	#24 STR TFE WHT
83023 010100	100 FT	0.200 LB	BLACK	E	#24 STR TFE BLK
83023 0101000	1,000 FT	4.000 LB	BLACK		#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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# Mouser Electronics

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