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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	22	7x30	SPC - Silver Plated Copper

Total Number of Conductors: 1

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
TFE - Tetrafluoroethylene	.010

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.050 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 4 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
MIL Order #39 (China RoHS):	Yes
Military Specification:	NEMA HP3, MIL-W-16878/4
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)
15.250

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)	4.5 amps
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Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83005 001100	100 FT	0.400 LB	BROWN	E	#22 STR TFE BRN
83005 0011000	1,000 FT	4.000 LB	BROWN	E S	#22 STR TFE BRN
83005 002100	100 FT	0.400 LB	RED	E	#22 STR TFE RED
83005 0021000	1,000 FT	4.000 LB	RED	E S	#22 STR TFE RED
83005 003100	100 FT	0.400 LB	ORANGE	E	#22 STR TFE ORG
83005 0031000	1,000 FT	4.000 LB	ORANGE	E S	#22 STR TFE ORG
83005 004100	100 FT	0.400 LB	YELLOW	E	#22 STR TFE YEL
83005 0041000	1,000 FT	4.000 LB	YELLOW	E S	#22 STR TFE YEL
83005 005100	100 FT	0.400 LB	GREEN, DARK	E	#22 STR TFE GRNDK
83005 0051000	1,000 FT	4.000 LB	GREEN, DARK	E S	#22 STR TFE GRNDK
83005 006100	100 FT	0.400 LB	BLUE, LIGHT	E	#22 STR TFE BLULT
83005 0061000	1,000 FT	4.000 LB	BLUE, LIGHT	E S	#22 STR TFE BLULT
83005 007100	100 FT	0.400 LB	VIOLET	E	#22 STR TFE VIO
83005 0071000	1,000 FT	4.000 LB	VIOLET	E S	#22 STR TFE VIO
83005 008100	100 FT	0.400 LB	GRAY	E	#22 STR TFE GRY
83005 0081000	1,000 FT	4.000 LB	GRAY	E S	#22 STR TFE GRY
83005 009100	100 FT	0.400 LB	WHITE	E	#22 STR TFE WHT
83005 0091000	1,000 FT	4.000 LB	WHITE	E S	#22 STR TFE WHT
83005 010100	100 FT	0.400 LB	BLACK	E	#22 STR TFE BLK
83005 0101000	1,000 FT	4.000 LB	BLACK		#22 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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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

AMEYA360

Components Supply Platform

Authorized Distribution Brand :



Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692

Email amall@ameya360.com

QQ 800077892

Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333

Email mkt@ameya360.com