

For more Information
please call

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 (mm)
TFE - Tetrafluoroethylene	0.254

Overall Insulation

Overall Cable

Overall Nominal Diameter: 1.270 mm

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 5.953 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:	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/km)
50.035

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)	4.5 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83005 001100	30 MT	0.181 KG	BROWN	E	#22 STR TFE BRN
83005 0011000	305 MT	1.814 KG	BROWN	E S	#22 STR TFE BRN
83005 002100	30 MT	0.181 KG	RED	E	#22 STR TFE RED
83005 0021000	305 MT	1.814 KG	RED	E S	#22 STR TFE RED
83005 003100	30 MT	0.181 KG	ORANGE	E	#22 STR TFE ORG
83005 0031000	305 MT	1.814 KG	ORANGE	E S	#22 STR TFE ORG
83005 004100	30 MT	0.181 KG	YELLOW	E	#22 STR TFE YEL
83005 0041000	305 MT	1.814 KG	YELLOW	E S	#22 STR TFE YEL
83005 005100	30 MT	0.181 KG	GREEN, DARK	E	#22 STR TFE GRNDK
83005 0051000	305 MT	1.814 KG	GREEN, DARK	E S	#22 STR TFE GRNDK
83005 006100	30 MT	0.181 KG	BLUE, LIGHT	E	#22 STR TFE BLULT
83005 0061000	305 MT	1.814 KG	BLUE, LIGHT	E S	#22 STR TFE BLULT
83005 007100	30 MT	0.181 KG	VIOLET	E	#22 STR TFE VIO
83005 0071000	305 MT	1.814 KG	VIOLET	E S	#22 STR TFE VIO
83005 008100	30 MT	0.181 KG	GRAY	E	#22 STR TFE GRY
83005 0081000	305 MT	1.814 KG	GRAY	E S	#22 STR TFE GRY
83005 009100	30 MT	0.181 KG	WHITE	E	#22 STR TFE WHT
83005 0091000	305 MT	1.814 KG	WHITE	E S	#22 STR TFE WHT
83005 010100	30 MT	0.181 KG	BLACK	E	#22 STR TFE BLK
83005 0101000	305 MT	1.814 KG	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

Revision Number: 2 Revision Date: 08-30-2013

© 2013 Belden, Inc.
 All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Flat Cables](#) category:

Click to view products by [Belden](#) manufacturer:

Other Similar products are found below :

[8132/08100](#) [FST-23A-15](#) [1301210030](#) [C336514-500](#) [902220736002000](#) [902220736006000](#) [28100-0614](#) [281000616](#) [281000625](#) [9L28014-008-H300](#) [28100-0571](#) [28100-0602](#) [281000624](#) [28100-0650](#) [28100-0664](#) [336512-300](#) [336518](#) [336537-CUT-LENGTH](#) [3447/10-100](#) [3625/08-30M](#) [362514100MSF](#) [40WDY00005](#) [5111993623](#) [336506-300](#) [336508-300](#) [C374910](#) [34WDY00006](#) [3749/10-100](#) [375630](#) [3-971111-6](#) [1-1437356-3](#) [57034-6](#) [812504](#) [8132/11100](#) [5-1437214-8](#) [1301210060](#) [1301210058](#) [1301190003](#) [1301210032](#) [5111196336](#) [607.5689.087](#) [607.5689.091](#) [3801/04](#) [1301210020](#) [3754/12](#) [902220736003000](#) [3625/22100MSF](#) [902220736005000](#) [902220736004000](#) [C3811/10-100](#)