Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



83005 Hook-up/Lead - UL AWM Style 1213

For more Information please call

1-800-Belden1



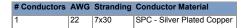
General Description:

Stranded silver-coated copper conductor insulation with extruded TFE Teflon.

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

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

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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
ime Test	
UL Flame Test:	VW-1
enum/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

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	ES	#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	ES	#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	ES	#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	ES	#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	ES	#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	ES	#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	ES	#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	ES	#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	ES	#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 ORDER10

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

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product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).

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