# **Detailed Specifications & Technical Data**

METRIC MEASUREMENT VERSION



# 83006 Hook-up/Lead - UL AWM Style 1213

For more Information please call

1-800-Belden1



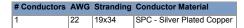
## **General Description:**

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

# **Physical Characteristics (Overall)**

Conductor

AWG:



Total Number of Conductors:

Insulation

Insulation Material:

ı	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

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 (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) 51.676

Max. Operating Voltage - Other:

Voltage Description
600 VRMS Mil-W-16878/4

Max. Recommended Current:

**Description** Current

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### **METRIC MEASUREMENT VERSION**



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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
83006 001100	100 FT	0.400 LB	BROWN	E	#22 STR TFE BRN
83006 0011000	1,000 FT	4.000 LB	BROWN	ES	#22 STR TFE BRN
83006 001500	500 FT	2.000 LB	BROWN	ES	#22 STR TFE BRN
83006 002100	100 FT	0.400 LB	RED	E	#22 STR TFE RED
83006 0021000	1,000 FT	4.000 LB	RED		#22 STR TFE RED
83006 002500	500 FT	2.000 LB	RED	ES	#22 STR TFE RED
83006 003100	100 FT	0.400 LB	ORANGE	E	#22 STR TFE ORG
83006 0031000	1,000 FT	4.000 LB	ORANGE	ES	#22 STR TFE ORG
83006 004100	100 FT	0.400 LB	YELLOW	E	#22 STR TFE YEL
83006 0041000	1,000 FT	4.000 LB	YELLOW	ES	#22 STR TFE YEL
83006 004500	500 FT	2.000 LB	YELLOW	ES	#22 STR TFE YEL
83006 005100	100 FT	0.400 LB	GREEN, DARK	E	#22 STR TFE GRNDK
83006 0051000	1,000 FT	4.000 LB	GREEN, DARK	ES	#22 STR TFE GRNDK
83006 005500	500 FT	2.000 LB	GREEN, DARK	ES	#22 STR TFE GRNDK
83006 006100	100 FT	0.400 LB	BLUE, LIGHT	E	#22 STR TFE BLULT
83006 0061000	1,000 FT	4.000 LB	BLUE, LIGHT	ES	#22 STR TFE BLULT
83006 006500	500 FT	2.000 LB	BLUE, LIGHT	ES	#22 STR TFE BLULT
83006 007100	100 FT	0.400 LB	VIOLET	E	#22 STR TFE VIO
83006 0071000	1,000 FT	4.000 LB	VIOLET	ES	#22 STR TFE VIO
83006 008100	100 FT	0.400 LB	GRAY	E	#22 STR TFE GRY
83006 0081000	1,000 FT	4.000 LB	GRAY	ES	#22 STR TFE GRY
83006 009100	100 FT	0.400 LB	WHITE	E	#22 STR TFE WHT
83006 0091000	1,000 FT	4.000 LB	WHITE		#22 STR TFE WHT
83006 009500	500 FT	2.000 LB	WHITE	ES	#22 STR TFE WHT
83006 010100	100 FT	0.400 LB	BLACK	E	#22 STR TFE BLK
83006 0101000	1,000 FT	4.000 LB	BLACK		#22 STR TFE BLK
83006 010500	500 FT	2.000 LB	BLACK	ES	#22 STR TFE BLK

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 73/23/EEC), as amended by directive 93/68/EEC.

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