Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



83009 Hook-up/Lead - UL AWM Style 1371

For more Information please call

1-800-Belden1



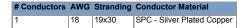
General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:



Total Number of Conductors:

Insulation

Insulation Material:

I	Insulation Material	Wall Thickness (in.)		
	TFE - Tetrafluoroethylene	.011		

Overall Insulation

Overall Cable

Overall Nominal Diameter: 0.068 in.

Mechanical Characteristics (Overall)

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

 Bulk Cable Weight:
 8 lbs/1000 ft.

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/1000 ft) 5.750

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) 9.2 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83009 001100	100 FT	0.900 LB	BROWN		#18 STR TFE BRN
83009 0011000	1,000 FT	9.000 LB	BROWN	S W	#18 STR TFE BRN
83009 002100	100 FT	0.900 LB	RED		#18 STR TFE RED
83009 0021000	1,000 FT	9.000 LB	RED	S W	#18 STR TFE RED
83009 002500	500 FT	4.000 LB	RED	S W	#18 STR TFE RED
83009 003100	100 FT	0.900 LB	ORANGE		#18 STR TFE ORG
83009 0031000	1,000 FT	9.000 LB	ORANGE	SW	#18 STR TFE ORG
83009 004100	100 FT	0.900 LB	YELLOW		#18 STR TFE YEL
83009 0041000	1,000 FT	9.000 LB	YELLOW	SW	#18 STR TFE YEL
83009 005100	100 FT	0.900 LB	GREEN, DARK		#18 STR TFE GRNDK
83009 0051000	1,000 FT	9.000 LB	GREEN, DARK	SW	#18 STR TFE GRNDK
83009 006100	100 FT	0.900 LB	BLUE, LIGHT		#18 STR TFE BLULT
83009 0061000	1,000 FT	9.000 LB	BLUE, LIGHT	SW	#18 STR TFE BLULT
83009 007100	100 FT	0.900 LB	VIOLET		#18 STR TFE VIO
83009 008100	100 FT	0.900 LB	GRAY		#18 STR TFE GRY
83009 009100	100 FT	0.900 LB	WHITE		#18 STR TFE WHT
83009 0091000	1,000 FT	9.000 LB	WHITE	SW	#18 STR TFE WHT
83009 009500	500 FT	4.000 LB	WHITE	SW	#18 STR TFE WHT
83009 010100	100 FT	0.900 LB	BLACK		#18 STR TFE BLK
83009 0101000	1,000 FT	9.000 LB	BLACK	S W	#18 STR TFE BLK

Notes:

S = STRIPING ADDERS FOR TYPES E AND EE: 123 STRIPES. MINIMUM ORDER10 W = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 75'

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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