# **Detailed Specifications & Technical Data**

#### **ENGLISH MEASUREMENT VERSION**



## 83005 Hook-up/Lead - UL AWM Style 1213

For more Information please call

1-800-Belden1



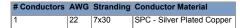
### **General Description:**

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

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				
Ple	num/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

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