Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

83026 Hook-up/Lead - UL AWM Style 1180

Max. Operating Voltage - Other: Voltage Description For more Information please call

1-800-Belden1



	"OVIALS"
General Description:	
Stranded silver-coated copper conductor ins	ulation with extruded TFE Teflon.
Physical Characteristics (Overall)	
Conductor AWG:	
# Conductors AWG Stranding Conductor Material 1 22 19x34 SPC - Silver Plated Copper	
Total Number of Conductors:	1
Insulation Insulation Material: Insulation Material Wall Thickness (in.) TFE - Tetrafluoroethylene 0.015	
Overall Insulation Overall Cable	
Overall Nominal Diameter:	0.060 in.
Mechanical Characteristics (Overall)	
Operating Temperature Range:	-70°C To +200°C
Bulk Cable Weight:	4 lbs/1000 ft.
Applicable Specifications and Agency Compliance (
Applicable Specifications and Agency Compliance (Applicable Standards & Environmental Programs	Overanj
UL Rating:	300 V RMS, 200°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-16878/5 (Except For Stranding)
MIL Spec Rating:	1000 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)	
15.750	
Max. Operating Voltage - UL:	
Voltage Description 300V RMS UL AWM 1180	
Max Operating Voltage Other:	

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

83026 Hook-up/Lead - UL AWM Style 1180

1000V RMS Mil-W-16878/5

Max. Recommended Current:

Current Description Mil-Std-975M Table 3.16 (single wire) 4.5 amps

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
83026 001100	100 FT	0.400 LB	BROWN	E	#22 STR TFE BRN
83026 0011000	1,000 FT	4.000 LB	BROWN	ES	#22 STR TFE BRN
83026 002100	100 FT	0.400 LB	RED	E	#22 STR TFE RED
83026 0021000	1,000 FT	4.000 LB	RED	ES	#22 STR TFE RED
83026 003100	100 FT	0.400 LB	ORANGE	E	#22 STR TFE ORG
83026 0031000	1,000 FT	4.000 LB	ORANGE	ES	#22 STR TFE ORG
83026 004100	100 FT	0.400 LB	YELLOW	E	#22 STR TFE YEL
83026 0041000	1,000 FT	4.000 LB	YELLOW	ES	#22 STR TFE YEL
83026 005100	100 FT	0.400 LB	GREEN, DARK	E	#22 STR TFE GRNDK
83026 0051000	1,000 FT	4.000 LB	GREEN, DARK	ES	#22 STR TFE GRNDK
83026 006100	100 FT	0.400 LB	BLUE, LIGHT	E	#22 STR TFE BLULT
83026 0061000	1,000 FT	4.000 LB	BLUE, LIGHT	ES	#22 STR TFE BLULT
83026 007100	100 FT	0.400 LB	VIOLET	E	#22 STR TFE VIO
83026 0071000	1,000 FT	4.000 LB	VIOLET	ES	#22 STR TFE VIO
83026 008100	100 FT	0.400 LB	GRAY	E	#22 STR TFE GRY
83026 0081000	1,000 FT	4.000 LB	GRAY	ES	#22 STR TFE GRY
83026 009100	100 FT	0.400 LB	WHITE	E	#22 STR TFE WHT
83026 0091000	1,000 FT	4.000 LB	WHITE	ES	#22 STR TFE WHT
83026 010100	100 FT	0.400 LB	BLACK	E	#22 STR TFE BLK
83026 0101000	1,000 FT	4.000 LB	BLACK		#22 STR TFE BLK
83026 010500	500 FT	3.000 LB	BLACK	ES	#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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