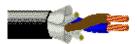
Detailed Specifications & Technical Data

ENGLISH MEASUREMENT VERSION



19506 Portable Cordage - UL/CSA Types: SJ, SJO, SJTOW, SO



For more Information please call

1-800-Belden1



Description:

SJTOW Belflex® matte black premium PVC, smooth jacket, 300V, 105°C, paper tape separator, UL/CSA listed, international color code: light blue, brown.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	42x34	BC - Bare Copper

Type of Cordage: SJTOW

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

Outer Shield

Outer Shield Material:

Outer Shield	Material
Unshielded	

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)	
Belflex®	PVC Blend - Polyvinyl Chloride Blend	.035	

Overall Cabling

Overall Cabling Fillers: Polypropylene

Overall Cabling Color Code Chart:

Color		
Light Blue		
Brown		

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 0.290 in.

Mechanical Characteristics (Overall)

Operating Temperature Range: -35°C To +105°C

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	SJTOW
CSA Specification:	SJTOW
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):	01/01/2004

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Plenum (Y/N):	No	
Plenum/Non-Plenum		
CSA Flame Test:	FT1	
UL Flame Test:	VW-1	
lame Test		
MII Order #39 (China RoHS):	Yes	
CA Prop 65 (CJ for Wire & Cable):	Yes	
EU Directive 2003/11/EC (BFR):	Yes	
EU Directive 2002/96/EC (WEEE):	Yes	

Surface Printing (Overall)

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage 300 V RMS

Max. Recommended Current:

Current
10 Amps per conductor @ 25°C
7 Amps per conductor @ 25°C over 50 ft.

Dielectric Withstand Voltage: 1500 V AC Applied For 1 Min.

Notes (Overall)

Notes: Jacket is Oil Resistant

Related Documents:

No related documents are available for this product

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19506 B59250	250 FT	11.000 LB	BLACK, MATTE	С	2 18 34B SJTOW 105

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 09-19-2008

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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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