

## 19507 Portable Cordage - UL/CSA Types: SJ, SJO, SJTOW, SO



For more Information  
please call

1-800-Belden1



### General Description:

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

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

# Conductors	AWG	Stranding	Conductor Material
2	16	65x34	BC - Bare Copper

Total Number of Conductors: 2

Type of Cordage: SJTOW

#### Insulation

##### Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8382

#### Outer Shield

##### Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

##### Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Belflex®	PVC Blend - Polyvinyl Chloride Blend	0.9398

#### Overall Cable

Overall Cabling Fillers: Polypropylene

##### Overall Cabling Color Code Chart:

Color
Light Blue
Brown

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 8.103 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C

Bulk Cable Weight: 71.434 Kg/Km

Min. Bend Radius/Minor Axis: 82.550 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC/(UL) Specification: SJTOW

CSA Specification: SJTOW

EU Directive 2011/65/EU (ROHS II): Yes

METRIC MEASUREMENT VERSION

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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
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

### Flame Test

UL Flame Test:	VW-1
CSA Flame Test:	FT1

### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Surface Printing (Overall)

Surface Printing:	Surface Impression Printed
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### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

<b>Voltage</b>
300 V RMS

#### Max. Recommended Current:

<b>Current</b>
13 Amps per conductor @ 25°C
10 Amps per conductor @ 25°C (over 50 ft.)

<b>Dielectric Withstand Voltage:</b>	1500 V AC Applied For 1 Min.
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### Notes (Overall)

**Notes:** Oil Resistant Jacket

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19507 B59250	250 FT	13.500 LB	BLACK, MATTE	C	2 #16 PVC SJTOW-A 105

**Notes:**  
C = CRATE REEL PUT-UP.

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 2014/35/EU).