



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

Type of Cordage: SJTOW

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.033

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	.037

Overall Cabling

Overall Cabling Fillers: Polypropylene

Overall Cabling Color Code Chart:

Color
Light Blue
Brown

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 0.319 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

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

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:

Voltage
300 V RMS

Max. Recommended Current:

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

Dielectric Withstand Voltage:	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.


2-Conductor

UL/CSA Types: SJ, SJO, SJTOW, SO

Description	Part No.	Standard Lengths		Standard Unit Weight		Jacket Color	Conductor AWG (stranding)	Nom. Insulation Thickness		Nom. Jacket Thickness		Nominal OD	
		Ft.	m	Lbs.	kg			Inch	mm	Inch	mm	Inch	mm


SJ Rubber Jacket • Smooth Jacket • UL/CSA Listed

300V, 60°C • Paper Tape Separator • Color Code: Black, White

	8478	250	76.2	10.8	4.9	Black	18 (42x34) BC	.032	.81	.035	.89	.290	7.37
		1000	304.8	48.0	21.8								
	8472	250	76.2	12.8	5.8	Black	16 (65x34) BC	.033	.84	.035	.89	.315	8.00


SJO Oil-Resistant Rubber Jacket • Smooth Jacket • UL/CSA Listed

300V, 90°C • Paper Tape Separator • Color Code: Black, White

	19227	250 [†]	76.2	11.0	5.0	Black	18 (16x30) BC	.031	.79	.035	.89	.290	7.37
	19228	250 [†]	76.2	13.5	6.1	Black	16 (26x30) BC	.031	.79	.035	.89	.315	8.00


SJTOW Belflex® Matte Black Premium PVC • Smooth Jacket • UL/CSA Listed

300V, 105°C • Paper Tape Separator • International Color Code: Light Blue, Brown


	19506*	250	76.2	11.0	5.0	Matte Black	18 (42x34) BC	.032	.81	.035	.89	.290	7.34
	19507*	250	76.2	13.5	6.1	Matte Black	16 (65x34) BC	.033	.84	.037	.94	.319	8.10
	19508*	250	76.2	17.0	7.7	Matte Black	14 (41x30) BC	.033	.84	.032	.81	.348	8.84

SO Oil-Resistant Rubber Jacket • Smooth Jacket • UL/CSA Listed

600V, 90°C • Cotton Serve Separator • Color Code: Black, White

	19204	250 [†]	76.2	18.5	8.4	Black	18 (42x34) BC	.032	.81	.065	1.65	.360	9.14
	19203	250 [†]	76.2	19.0	8.6	Black	16 (65x34) BC	.033	.84	.065	1.65	.385	9.78
	19202	250 [†]	76.2	37.3	16.9	Black	14 (41x30) BC	.048	1.22	.085	2.16	.523	13.28

600V, 90°C • Paper Tape Separator • Color Code: Black, White

	19201	250 [†]	76.2	52.8	24.0	Black	12 (65x30) BC	.051	1.30	.100	2.54	.610	15.49
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BC = Bare Copper

*These constructions are approved as water-resistant, oil-resistant and for outdoor use.

[†]Put-ups may contain more than one piece. Minimum length of any one piece is 50 ft.