



Description:

SJ rubber jacket, 300V, 60°C, paper tape separator, smooth jacket, UL/CSA listed, color code: black, white, green.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	18	16x30	BC - Bare Copper

Type of Cordage: SJ

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
EPDM - Ethylene Propylene Diene Monomer Rubber	.031

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
Rubber	.039

Overall Cabling

Overall Cabling Fillers: Jute

Overall Cabling Color Code Chart:

Color
Black
White
Green

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 0.315 in.

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: SJ

CSA Specification: SJ

EU CE Mark: Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

19129 Portable Cordage - UL/CSA Types: S, SO, SJ

EU RoHS Compliance Date (mm/dd/yyyy): 10/13/2005

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

Flame Test

CSA Flame Test: FT2

Plenum/Non-Plenum

Plenum (Y/N): No

Surface Printing (Overall)

Surface Printing: "18-3 SJ 60°C (UL) E3462 - - - - CSA LL7874 18-3 SJ 60°C FT2"

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: 2000 V AC Applied For 1 Min.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19129 010250	250 FT	13.750 LB	BLACK	C F	3 #18 30B SJ 60 N

Notes:

C = CRATE REEL PUT-UP.

F = MAY CONTAIN MORE THAN 1 PIECE. MINIMUM LENGTH OF ANY ONE PIECE IS 50'


3-Conductor

UL/CSA Types: S, SO, SJ


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

S Rubber Jacket • Smooth Jacket • UL/CSA Listed

600V, 60°C • Cotton Serve Separator • Color Code: Black, White, Green


	19109	250 [†]	76.2	18.8	8.5	Black	18 (42x34) BC	.032	.81	.065	1.65	.380	9.65
	19108	250 [†]	76.2	27.5	12.5	Black	16 (65x34) BC	.033	.84	.065	1.65	.405	10.29

600V, 60°C • Paper Tape Separator • Color Code: Black, White, Green


	19107	250 [†]	76.2	42.3	19.2	Black	14 (41x30) BC	.048	1.22	.085	2.16	.535	13.59
	19106	250 [†]	76.2	61.8	28.1	Black	12 (65x30) BC	.051	1.30	.099	2.51	.640	16.26
	19105	250 [†]	76.2	78.0	35.5	Black	10 (105x30) BC	.050	1.27	.099	2.51	.681	17.30

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

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


	19209	250 [†]	76.2	19.3	8.8	Black	18 (42x34) BC	.032	.81	.065	1.65	.380	9.65
	19208	250 [†]	76.2	26.5	12.0	Black	16 (65x34) BC	.033	.84	.063	1.60	.400	10.16

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

	19207	250 [†]	76.2	43.5	19.7	Black	14 (41x30) BC	.048	1.22	.086	2.18	.538	13.67
	19206	250 [†]	76.2	62.8	28.5	Black	12 (65x30) BC	.051	1.30	.100	2.54	.632	16.05
	19205	250 [†]	76.2	79.3	36.0	Black	10 (105x30) BC	.050	1.27	.099	2.51	.681	17.30

SJ Rubber Jacket • Smooth Jacket • UL/CSA Listed

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

	19129	250 [†]	76.2	13.8	6.3	Black	18 (16x30) BC	.031	.79	.039	.99	.315	8.00
	19125	250 [†]	76.2	13.5	6.1	Black	18 (42x34) BC	.032	.81	.038	.97	.315	8.00
	19130	250 [†]	76.2	17.5	7.9	Black	16 (26x30) BC	.031	.79	.038	.97	.340	8.64
	19124	250 [†]	76.2	16.5	7.5	Black	16 (65x34) BC	.033	.84	.038	.97	.340	8.64
	8479	250	76.2	7.8	3.5	Black	14 (41x30) BC	.031	.79	.039	.99	.380	9.65

BC = Bare Copper

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