BELDEN
SENDING ALL THE RIGHT SIGNALS

19203 Portable Cordage - UL/CSA Types: SJ, SJO, SJTOW, SO

For more Information
please call

1-800-Belden1

RoHS COMPLIANT
ENVIRONMENTALLY FRIENDLY

General Description:

SO oil-resistant rubber jacket, 600V, 90ºC, cotton serve separator, smooth jacket, UL/CSA listed, color code: black, white.

Physical Characteristics (Overall)

Conductor
AWG:

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

Total Number of Conductors:	2
Type of Cordage:	SO

Insulation
Insulation Material:

Insulation Material	Wall Thickness (mm)
EPDM - Ethylene Propylene Diene Monomer Rubber	0.8382

Outer Shield
Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket
Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
Rubber	1.651

Overall Cable

Overall Cabling Fillers:	Jute

Overall Cabling Color Code Chart:

Color
Black
White

Overall Cabling Separator Material:	Cotton Serve
Overall Nominal Diameter:	9.779 mm

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +90°C
Bulk Cable Weight:	113.103 Kg/Km
Min. Bend Radius/Minor Axis:	101.600 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification:	SO
CSA Specification:	SO
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):	01/01/2004
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes

METRIC MEASUREMENT VERSION

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CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Plenum/Non-Plenum

Plenum (Y/N):	No

Surface Printing (Overall)

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage
600 V RMS

Max. Recommended Current:

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

Dielectric Withstand Voltage:	2000 V AC Applied For 1 Min.

Notes (Overall)

Notes: Oil Resistant Jacket

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19203 010250	250 FT	20.750 LB	BLACK	F	2 #16 34B SO 90 N

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

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