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please call

1-800-Belden1



## General Description:

SO oil-resistant rubber jacket, 600V, 90°C, 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

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

CA Prop 65 (CJ for Wire & Cable): Yes

Mil 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'

Revision Number: 2    Revision Date: 11-02-2012

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