

## 9427 Portable Cordage - SO Oil-Resistant Rubber Jacket



For more Information  
please call

1-800-Belden1



### General Description:

SO oil-resistant rubber jacket, 600V, 60°C, conductors cabled with fillers, paper tape separator, smooth jacket, UL/CSA listed, color code: see chart 2 (Tech Info Section).

### Physical Characteristics (Overall)

#### Conductor

##### AWG:

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

Total Number of Conductors: 16

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	2.54

#### Overall Cable

Overall Cabling Fillers: Jute

##### Overall Cabling Color Code Chart:

Color
Black
White
Red
Green
Orange
Blue
White/Black
Red/Black
Green/Black
Orange/Black
Blue/Black
Black/White
Red/White
Green/White
Blue/White
Black/Red

Overall Cabling Separator Material: Paper Tape

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Overall Nominal Diameter: 19.990 mm

### Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C  
Bulk Cable Weight: 577.124 Kg/Km

### 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  
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)

### Electrical Characteristics (Overall)

#### Max. Operating Voltage - UL:

##### Voltage

600 V RMS

#### Max. Recommended Current:

##### Current

5 Amps per conductor @ 25°C

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

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
9427 0101000	305 MT	194.138 KG	BLACK	C	16 #16 EPDM CPE

#### Notes:

C = CRATE REEL PUT-UP.

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