

9422 Portable Cordage - SO Oil-Resistant Rubber Jacket



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 |
|--------------|-----|-----------|--------------------|
| 7 | 16 | 65x34 | BC - Bare Copper |

Type of Cordage: SO

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (in.) |
|--|----------------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | .033 |

Outer Shield

Outer Shield Material:

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|-----------------------|---------------------------|
| Rubber | .083 |

Overall Cabling

Overall Cabling Fillers: Jute

Overall Cabling Color Code Chart:

| Color |
|--------------------|
| Black |
| White |
| Red |
| Green |
| Orange |
| Blue |
| White/Black Stripe |

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 0.581 in.

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Bulk Cable Weight: 190.100 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: SO

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| | |
|---------------------------------------|------------|
| CSA Specification: | SO |
| 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)

| | |
|-------------------|--|
| Surface Printing: | "16-7 SO 60°C (UL) E3462----CSA LL7874 16-7 SO 60°C FT2" |
|-------------------|--|

Electrical Characteristics (Overall)

Max. Operating Voltage - UL:

Voltage

600 V RMS

CSA Specification:

SO

Max. Recommended Current:

Current

7 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 |
|--------------|----------|-------------|-------|-------|----------------|
| 9422 010100 | 100 FT | 18.500 LB | BLACK | C | 7 #16 EPDM CPE |
| 9422 0101000 | 1,000 FT | 201.000 LB | BLACK | C | 7 #16 EPDM CPE |

Notes:

C = CRATE REEL PUT-UP.

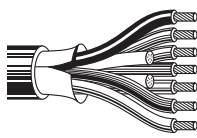
Multi-Conductor

Power and Control Cables

| Description | Part No. | No. of Cond. | 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 |

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

600V, 60°C • Conductors Cabled with Fillers • Paper Tape Separator • Color Code: See Chart 2 (Tech Info Section)

| | | | | | | | | | | | | | | |
|--|-------------|------|-------|-------|-------|-------|---------|---------|------|------|------|------|-------|-------|
|  | 9420 | 5 | 100 | 30.5 | 13.3 | 6.0 | Black | 16 | .033 | .84 | .084 | 2.13 | .506 | 12.85 |
| | | | 500 | 152.4 | 73.5 | 33.4 | | (65x34) | | | | | | |
| | | | 1000 | 304.8 | 143.0 | 65.0 | | BC | | | | | | |
| | 9422 | 7 | 100 | 30.5 | 18.5 | 8.4 | Black | 16 | .033 | .84 | .083 | 2.11 | .581 | 14.76 |
| | | | 500 | 152.4 | 101.0 | 45.9 | | (65x34) | | | | | | |
| | | | 1000 | 304.8 | 201.0 | 91.4 | | BC | | | | | | |
| | 9424 | 9 | 100 | 30.5 | 29.6 | 13.4 | Black | 16 | .033 | .84 | .100 | 2.54 | .720* | 18.29 |
| | | | 500 | 152.4 | 150.5 | 68.4 | | (65x34) | | | | | | |
| | | | 1000 | 304.8 | 288.0 | 130.9 | | BC | | | | | | |
| 9425 | 12 | 100 | 30.5 | 32.6 | 14.8 | Black | 16 | .033 | .84 | .100 | 2.54 | .720 | 18.29 | |
| | | 500 | 152.4 | 165.5 | 75.2 | | (65x34) | | | | | | | |
| | | 1000 | 304.8 | 318.0 | 144.5 | | BC | | | | | | | |
| 9427 | 16 | 100 | 30.5 | 39.5 | 17.9 | Black | 16 | .033 | .84 | .100 | 2.54 | .787 | 19.99 | |
| | | 500 | 152.4 | 197.5 | 89.8 | | (65x34) | | | | | | | |
| | | 1000 | 304.8 | 395.0 | 179.5 | | BC | | | | | | | |
| 9429 | 20 | 100 | 30.5 | 48.4 | 22.0 | Black | 16 | .033 | .84 | .100 | 2.54 | .862 | 21.89 | |
| | | 500 | 152.4 | 233.0 | 105.9 | | (65x34) | | | | | | | |
| | | | | | | | BC | | | | | | | |

BC = Bare Copper • CPE = Chlorinated Polyethylene
 *Fillers added in the center.