



For more Information
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1-800-Belden1



General Description:

SV rubber jacket, 300V, 60°C, cotton serve separator, smooth jacket, UL/CSA listed, color code: black, white, green.

Physical Characteristics (Overall)

Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 3 | 18 | 41x34 | TC - Tinned Copper |

Total Number of Conductors: 3

Type of Cordage: SV

Insulation

Insulation Material:

| Insulation Material | Wall Thickness (mm) |
|--|---------------------|
| EPDM - Ethylene Propylene Diene Monomer Rubber | 0.4572 |

Outer Shield

Outer Shield Material:

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

Outer Jacket

Outer Jacket Material:

| Outer Jacket Material | Nom. Wall Thickness (mm) |
|-----------------------|--------------------------|
| Rubber | 0.9144 |

Overall Cable

Overall Cabling Fillers: Jute

Overall Cabling Color Code Chart:

| Color |
|-------|
| Black |
| White |
| Green |

Overall Cabling Separator Material: Cotton Serve

Overall Nominal Diameter: 6.502 mm

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Bulk Cable Weight: 62.504 Kg/Km

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: SV

CSA Specification: SV

EU Directive 2011/65/EU (ROHS II): Yes

METRIC MEASUREMENT VERSION

8453 Portable Cordage - UL/CSA Types: SJTOW, STOW, SV, SVT

| | |
|---------------------------------------|------------|
| 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): | 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 SV 60°C (UL) E3462----CSA LL7874 18-3 SV 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: | 1500 V AC Applied for 1 Min. |
|--------------------------------------|------------------------------|

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|-------------|--------|-------------|-------|-------|-------------------------|
| 8453 010100 | 100 FT | 4.900 LB | BLACK | | 3#18EPDM CS SBR TYPE SV |
| 8453 010500 | 500 FT | 22.500 LB | BLACK | C | 3#18EPDM CS SBR TYPE SV |

Notes:

C = CRATE REEL PUT-UP.

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