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1-800-Belden1



General Description:

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

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	18	42x34	BC - Bare Copper

Total Number of Conductors: 2

Type of Cordage: SV

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
Rubber	0.4318

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (mm)
Rubber	0.9398

Overall Cable

Overall Cabling Fillers: Jute

Overall Cabling Color Code Chart:

Color
Black
White

Overall Cabling Separator Material: Cotton Serve

Overall Nominal Diameter: 6.223 mm

Mechanical Characteristics (Overall)

UL Temperature Rating: 60°C

Bulk Cable Weight: 50.599 Kg/Km

Min. Bend Radius/Minor Axis: 63.500 mm

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

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

METRIC MEASUREMENT VERSION

8452 Portable Cordage - UL/CSA Types: STOW, SV, SVT

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

Mil 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
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.

Notes (Overall)

Notes: Jacket Finish: Serrated (45 Serrations - 8 Degrees Apart)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8452 010U500	500 FT	19.000 LB	BLACK		2#18 EPDM CS SBR TYPE SV
8452 0101000	1,000 FT	38.000 LB	BLACK	C	2#18 EPDM CS SBR TYPE SV
8452 010250	250 FT	9.500 LB	BLACK		2#18 EPDM CS SBR TYPE SV
8452 010500	500 FT	19.000 LB	BLACK	C	2#18 EPDM CS SBR TYPE SV

Notes:

C = CRATE REEL PUT-UP.

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