



For more Information
please call

1-800-Belden1



General Description:

SJTOW Belflex® matte black premium PVC, 300V, 105°C, paper tape separator, smooth jacket, UL/CSA listed, international color code: light blue, brown.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
2	14	41x30	BC - Bare Copper

Total Number of Conductors: 2

Type of Cordage: SJTOW

Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
PVC - Polyvinyl Chloride	0.8382

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (mm)
Belflex®	PVC Blend - Polyvinyl Chloride Blend	0.8128

Overall Cable

Overall Cabling Fillers: Polypropylene

Overall Cabling Color Code Chart:

Color
Light Blue
Brown

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 8.839 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -40°C To +105°C

Bulk Cable Weight: 92.268 Kg/Km

Min. Bend Radius/Minor Axis: 88.900 mm

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: SJTOW

CSA Specification: SJTOW

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

19508 Portable Cordage - UL/CSA Types: SJ, SJO, SJTOW, SO

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

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: VW-1

CSA Flame Test: FT1

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
18 Amps per conductor @ 25°C
13 Amps per conductor @ 25°C over 50 ft.

Dielectric Withstand Voltage: 1500 V AC Applied For 1 Min.

Notes (Overall)

Notes: Oil Resistant Jacket

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19508 B59250	250 FT	17.000 LB	BLACK, MATTE	C	2 14 30B SJTOW-A 105 E

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 2 Revision Date: 01-06-2014

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