

Detailed Specifications & Technical Data



ENGLISH MEASUREMENT VERSION

19503 Portable Cordage - UL/CSA Types: SJTOW, STOW, SV, SVT



For more Information
please call

1-800-Belden1



General Description:

STOW Belflex® matte black premium PVC, 600V, 105°C, paper tape separator, smooth jacket, UL/CSA listed, international color code: light blue, brown, green/yellow.

Physical Characteristics (Overall)

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
3	18	42x34	BC - Bare Copper

Total Number of Conductors: 3

Type of Cordage: STOW

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
PVC - Polyvinyl Chloride	.032

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material	Nom. Wall Thickness (in.)
Belflex®	PVC Blend - Polyvinyl Chloride Blend	.070

Overall Cable

Overall Cabling Fillers: Polypropylene

Overall Cabling Color Code Chart:

Color
Blue
Brown
Green/Yellow

Overall Cabling Separator Material: Paper Tape

Overall Nominal Diameter: 0.380 in.

Mechanical Characteristics (Overall)

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

Bulk Cable Weight: 68 lbs/1000 ft.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: STOW

CSA Specification: STOW

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

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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
600 V RMS

Max. Recommended Current:

Current
10 Amps per conductor @ 25°C
7 Amps per conductor @ 25°C over 50 ft.

Dielectric Withstand Voltage:

2000 V AC Applied for 1 Min.

Notes (Overall)

Notes: Approved as water resistant, oil resistant and outdoor use.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
19503 B59250	250 FT	19.000 LB	BLACK, MATTE		3 #18 PVC TYPE STOW-A

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

Mouser Electronics

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