Part Number: 19503

Portable Cordage, (3) 18 AWG (42x34) BC, PVC/Belflex, Type STOW

⠿ Request Sample

Product Description

Three 18 AWG stranded (42x34) bare copper conductors, PVC insulation, Belflex® jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	42x34	BC - Bare Copper	3

Conductor Count:	3
Conductor Size:	18 AWG

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in

Color Chart

Color
Blue
Brown
Green/Yellow

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC Blend - Polyvinyl Chloride Blend	Belflex®	0.38 in	0.07 in	Paper Tape

Construction and Dimensions

Type of Cordage:	STOW

Cabling

Filler
Polypropylene

Print Legend:	Surface Impression Printed

Electrical Characteristics

Shielding:	Unshielded

Current

Max. Recommended Current [A]
10 Amps per conductor @ 25°C; 7 Amps per conductor @ 25°C over 50 ft
7 Amps per conductor @ 25°C over 50 ft.

Voltage

Dielectric Withstand Voltage	UL Voltage Rating

2000 V AC Applied for 1 Min.	600 V RMS

Electrical Characteristics Notes:	Dielectric Withstand Voltage: 2000 V AC Applied for 1 Min

Temperature Range

UL Temp Rating:	60°C
Operating Temp Range:	-35°C To +105

Mechanical Characteristics

Oil Resistance:	Yes
Bulk Cable Weight:	68 lbs/1000ft

Standards

NEC/(UL) Specification:	STOW
CSA AWM Specification:	STOW

Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2004-01-01
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Outdoor:	Yes

Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	600 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color
19503 B59250	Black, Matte