



Product: [19503](#)

Portable Cordage, 3 C #18 Str BC, PVC Ins, PVC Jkt, UL Type STOW

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Product Description

Portable Cordage, 3 Conductor 18AWG (42x34) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type STOW

Technical Specifications

Physical Characteristics (Overall)

Conductor

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

Conductor Count:

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in

Color Chart

Color
Blue
Brown
Green/Yellow

Outer Shield Material

Material
No Shield

Outer Jacket Material

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

Construction and Dimensions

Type of Cordage:

Cabling

Filler
Polypropylene

Electrical Characteristics

Current

Max. Recommended Current [A]
10 Amps per Conductor at 25°C (7 Amps over 50 ft)
7 Amps per Conductor at 25°C (over 50 ft)

Voltage

Dielectric Withstand Voltage	UL Voltage Rating

2000 V AC Applied for 1 Min.	600 V RMS
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Electrical Characteristics Notes:	Dielectric Withstand Voltage: 2000 V AC Applied for 1 Min
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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) Compliance:	STOW
CSA AWM Compliance:	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
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Outdoor:	Yes
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Flammability, LSOH, Toxicity Testing

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

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
19503 B59250	Black, Matte	Reel	250 ft	612825127116

Product Notes

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

Update and Revision:	Revision Number: 0.310 Revision Date: 06-08-2020
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- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
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Как с нами связаться

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