



Product: [19506](#)

Portable Cordage, 2 C #18 Str BC, PVC Ins, PVC Jkt, UL Type SJTOW

[Request Sample](#)

Product Description

Portable Cordage, 2 Conductor 18AWG (42x34) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type SJTOW

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors
18	42x34	BC - Bare Copper	2

Conductor Count:	2
Total Number of Pairs:	1

Insulation

Material	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.032 in

Color Chart

Color
Light Blue
Brown

Outer Shield

Material
No Shield

Outer Jacket

Material	Material Trade Name	Nominal Diameter	Nominal Wall Thickness	Separator Material
PVC - Polyvinyl Chloride	Belflex®	0.29 in	0.035 in	Paper Tape

Construction and Dimensions

Type of Cordage:	SJTOW
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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
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1500 V AC Applied For 1 Min.	300 V RMS
Electrical Characteristics Notes:	Dielectric Withstand Voltage: 1500 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:	38 lbs/1000ft
Min. Bend Radius/Minor Axis:	3 in

Standards

NEC/(UL) Compliance:	SJTOW
CSA AWM Compliance:	SJTOW

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 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Outdoor:	Yes
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Flammability, LS0H, Toxicity Testing

UL Flammability:	VW-1
CSA Flammability:	FT1
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
19506 B59250	Black, Matte	Reel	250 ft	612825127147
Footnote:	C - CRATE REEL PUT-UP.			

Product Notes

Notes:	Jacket is Oil Resistant
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History

Update and Revision:	Revision Number: 0.380 Revision Date: 08-27-2021
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