



Product: [19506](#)

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

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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

Material
No Shield

Outer Jacket Material

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
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Electrical Characteristics Notes:	Dielectric Withstand Voltage: 1500 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:	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 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:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
19506 B59250	Black, Matte	Reel	250 ft	612825127147

Footnote:	C - CRATE REEL PUT-UP.
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Product Notes

Notes:	Jacket is Oil Resistant
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History

Update and Revision:	Revision Number: 0.307 Revision Date: 06-08-2020
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