



**Product:** [19509](#)

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

[Request Sample](#)

**Product Description**

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

**Technical Specifications**

**Physical Characteristics (Overall)**

**Conductor**

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	18	42x34	BC - Bare Copper	3

Conductor Count: 3

**Insulation**

Element	Material	Nominal Wall Thickness
Conductor(s)	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®	0.315 in	0.038 in	Paper Tape

**Construction and Dimensions**

Type of Cordage: SJTOW

**Electrical Characteristics**

**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.	300 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:	50 lbs/1000ft

## 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
19509 B59250	Black, Matte	Reel	250 ft	612825127178

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

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

Update and Revision:	Revision Number: 0.307 Revision Date: 05-11-2020
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