



Product: [19511](#)

Portable Cordage, 3 C #14 Str BC, PVC Ins, PVC Jkt, UL Type SJTOW-A

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Product Description

Portable Cordage, 3 Conductor 14AWG (41x30) Bare Copper, PVC Insulation, PVC Outer Jacket, UL Type SJTOW-A

Technical Specifications

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	14	41x30	BC - Bare Copper	3
Conductor Count:				3

Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	PVC - Polyvinyl Chloride	0.033 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	0.04 in	Paper Tape

Construction and Dimensions

Type of Cordage:	SJTOW
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Electrical Characteristics

Current

Max. Recommended Current [A]
18 Amps per conductor @ 25°C; 13 Amps per conductor @ 25°C over 50 ft.
13 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:	87 lbs/1000ft

Standards

NEC/(UL) Specification:	SJTOW
CSA AWM Specification:	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, 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	Putup Type	Length	UPC
19511 B59250	Black, Matte	Reel	250 ft	612825127192

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: 0.309 Revision Date: 05-11-2020
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