



Product: [19509](#)

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

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Product Description

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

Technical Specifications

Product Overview

Suitable Applications:	Portable cordage for supplying power to appliances and tools
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Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material	Notes
Conductor(s)	3	18 AWG	42x34	BC - Bare Copper	0.824mm ²

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	Light Blue, Brown, Green/Yellow

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Paper Tape	PVC - Polyvinyl Chloride	0.038 in (0.97 mm)	0.315 in (8.00 mm)

Overall Cable Diameter (Nominal):	0.315 in (8.00 mm)
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Electrical Characteristics

Electricals

Element	Max. Current
Conductor(s)	10 Amps per conductor @ 25°C; 7 Amps per conductor @ 25°C over 50 ft.

Voltage

UL Voltage Rating
300 V (Type SJTOW)

Mechanical Characteristics

Temperature

UL Temperature	Operating
105°C	-35°C to +105

Bend Radius

Stationary Min.	Installation Min.
3.2 in (81 mm)	3.2 in (81 mm)

Bulk Cable Weight:	50 lbs/1000ft (74 kg/km)
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Standards and Compliance

Environmental Suitability:	Outdoor, Oil Resistance
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Flammability / Reaction to Fire:	VW-1, FT1
NEC / UL Compliance:	SJTOW
AWM Compliance:	SJTOW
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

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

Update and Revision:	Revision Number: 0.363 Revision Date: 11-09-2022
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
19509 B59250	Black, Matte	Reel	250 ft	612825127178

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