



**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	No. of Elements	Size	Stranding	Material	Notes
Conductor(s)	3	18 AWG	42x34	BC - Bare Copper	0.824mm <sup>2</sup>

#### Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.032 in (0.81 mm)	0.110 in (2.79 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	Nom. Conductor DCR	Max. Current
Conductor(s)	6.97 Ohm/1000ft	7 Amps per conductor @ 30°C

#### Voltage

UL Voltage Rating
300 V (Type SJTOW)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
105°C	-20°C to +105°C

#### Bend Radius

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

Max. Pull Tension:	61.5 lbs (27.9 kg)
Bulk Cable Weight:	50 lbs/1000ft

### Standards and Compliance

Environmental Suitability:	Outdoor, Oil Resistance
Flammability / Reaction to Fire:	VW-1
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: 0.529 Revision Date: 09-07-2025
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Part Numbers

Variants

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

Footnote:	C - CRATE REEL PUT-UP.
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