



Product: [8478](#)

Portable Cordage, 2 C #18 Str BC, EPDM Ins, Rubber Jkt, UL Type SJ

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Product Description

Portable Cordage, 2 Conductor 18AWG (42x34) Bare Copper, EPDM Insulation, Rubber Outer Jacket, UL Type SJ

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
EPDM - Ethylene Propylene Diene Monomer	0.0315 in

Color Chart

Number	Color
1	Black
2	White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
SBR - Styrene Butadiene Rubber	0.298 in	0.039 in	Paper Tape

Construction and Dimensions

Type of Cordage:	SJ
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Cabling

Filler
Jute

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
2000 V AC Applied For 1 Min.	300 V RMS

Electrical Characteristics Notes:	Dielectric Withstand Voltage: 2000 V AC Applied For 1 Min.
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Temperature Range

UL Temp Rating:	60°C
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Mechanical Characteristics

Bulk Cable Weight:	43 lbs/1000ft
Min Bend Radius/Minor Axis:	3 in

Standards

NEC/(UL) Compliance:	SJ
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Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	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):	2005-10-13
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

CSA Flammability:	FT2
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
8478 010250	Black	Reel	250 ft	612825208686

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.273 Revision Date: 06-08-2020
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