



Product: [8452](#)

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

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Product Description

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

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	0.017 in

Color Chart

Color
Black
White

Outer Shield Material

Material
No Shield

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
SBR - Styrene Butadiene Rubber	0.245 in	0.037 in	Cotton Serve

Construction and Dimensions

Type of Cordage:	SV
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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
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1500 V AC Applied For 1 Min. 300 V RMS

Temperature Range

UL Temp Rating:	60°C
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Mechanical Characteristics

Bulk Cable Weight:	34 lbs/1000ft
Min Bend Radius/Minor Axis:	2.5 in

Standards

NEC Articles:	Article 400
NEC/(UL) Compliance:	SV
CSA AWM Compliance:	SV

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):	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
8452 010250	Black	Reel	250 ft	612825207795
8452 010500	Black	Reel	500 ft	612825207801
8452 010U500	Black	Reel	500 ft	612825207771
8452 0101000	Black	Reel	1,000 ft	612825207788

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

Notes:	Jacket Finish: Serrated (45 Serrations - 8 Degrees Apart)
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History

Update and Revision:	Revision Number: 0.306 Revision Date: 06-08-2020
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