



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

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	2	18 AWG	42x34	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.017 in (0.43 mm)	0.081 in (2.1 mm)	Black, White

Outer Shield

Material
No Shield

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Cotton Serve	SBR - Styrene Butadiene Rubber	0.037 in (0.94 mm)	0.245 in

Overall Cable Diameter (Nominal): 0.245 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Max. Current
6.97 Ohm/1000ft	10 Amps per Conductor at 25°C (7 Amps over 50 ft)

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-20°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
2.45 in (62.2 mm)	2.45 in

Max. Pull Tension: 41 lbs (19 kg)

Bulk Cable Weight: 34 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
NEC / UL Compliance:	Article 400, SV
AWM Compliance:	SV
CEC / C(UL) Compliance:	LL7874.
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:	Jacket Finish: Serrated (45 Serrations - 8 Degrees Apart)
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History

Update and Revision:	Revision Number: 0.394 Revision Date: 09-07-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8452 010250	Black	Reel	250 ft	612825207795	
8452 010500	Black	Reel	500 ft	612825207801	C
8452 010U500	Black	Reel	500 ft	612825207771	
8452 0101000	Black	Reel	1,000 ft	612825207788	C

Footnote:	C - CRATE REEL PUT-UP.
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