



Product: [8453](#)

Portable Cordage, 3 C #18 Str TC, EPDM Ins, Rubber Jkt, UL Type SV

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Product Description

Portable Cordage, 3 Conductor 18AWG (41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL Type SV

Technical Specifications

Product Overview

Suitable Applications:	Junior light-duty vacuum cord(300V), Other light-duty equipments
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	3	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.018 in (0.46 mm)	0.083 in (2.1 mm)	Black, White, Green

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Cotton Serve	SBR - Styrene Butadiene Rubber	0.036 in (0.91 mm)	0.256 in (6.50 mm)

Overall Cable Diameter (Nominal):	0.256 in (6.50 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	7.3 Ohm/1000ft	10 Amps per Conductor at 25°C (7 Amps over 50 ft)
		7 Amps per conductor @ 25°C over 50 ft.

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-40°C to +60°C

Bend Radius

Stationary Min.	Installation Min.
2.6 in (66 mm)	2.6 in (66 mm)

Max. Pull Tension:	62 lbs (28 kg)
Bulk Cable Weight:	42 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), 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)

History

Update and Revision:	Revision Number: 0.517 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8453 010100	Black	Reel	100 ft	612825207818	
8453 010500	Black	Reel	500 ft	612825207825	C

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