



REPRESENTATIVE IMAGE

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	Number of Element	Size	Stranding	Material
Conductor(s)	3	18 AWG	41x34	TC - Tinned Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	EPDM - Ethylene Propylene Diene Monomer	0.018 in (0.46 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)

Electrical Characteristics

Electricals

Element	Max. Current
Conductor(s)	10 Amps per conductor @ 25°C, 7 Amps per conductor @ 25°C over 50 ft
	7 Amps per conductor @ 25°C over 50 ft.

Voltage

UL Voltage Rating
300 V (SV)

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
Bulk Cable Weight:	42 lbs/1000ft (63 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	FT2
NEC / UL Compliance:	SV
AWM Compliance:	SV
CEC / C(UL) Compliance:	SV
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: 0.363 Revision Date: 12-15-2021
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Variants

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

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