



Product: [8454](#)

Portable Cordage, 4 C #18 Str TC, EPDM Ins, Rubber Jkt, UL AWM 4097

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Product Description

Portable Cordage, 4 Conductor 18AWG (41x34) Tinned Copper, EPDM Insulation, Rubber Outer Jacket, UL AWM 4097

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)	4	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, Brown, Red

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
Paper Tape	SBR - Styrene Butadiene Rubber	0.036 in (0.91 mm)	0.265 in (6.73 mm)

Overall Cable Diameter (Nominal):	0.265 in (6.73 mm)
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Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	7.3 Ohm/1000ft	8 Amps per Conductor at 25°C (5.6 Amps over 50 ft)

Voltage

UL Voltage Rating
300 V

Table Notes:	Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min.
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Mechanical Characteristics

Temperature

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

Bend Radius

Stationary Min.	Installation Min.
2.7 in (69 mm)	2.7 in (69 mm)

Max. Pull Tension:	82 lbs (37 kg)
Bulk Cable Weight:	50 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
NEC / UL Compliance:	Article 400
AWM Compliance:	AWM 4097
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), 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: 0.512 Revision Date: 01-20-2023
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC
8454 010100	Black	Reel	100 ft	612825207856
8454 010500	Black	Reel	500 ft	612825207870
8454 010U500	Black	Reel	500 ft	612825207849
8454 0101000	Black	Reel	1,000 ft	612825207863
8454 010U1000	Black	Reel	1,000 ft	612825207832

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