



**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	No. of Elements	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

<b>UL Voltage Rating</b>
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	Footnote
8454 010100	Black	Reel	100 ft	612825207856	
8454 010500	Black	Reel	500 ft	612825207870	C
8454 010U500	Black	Reel	500 ft	612825207849	
8454 0101000	Black	Reel	1,000 ft	612825207863	C
8454 010U1000	Black	Reel	1,000 ft	612825207832	

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