



**Product:** [8454](#) 

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

 [Request Sample](#)

## 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
------------------------	--

### 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)

### 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

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

### 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: 0.514 Revision Date: 09-07-2025
----------------------	--

## 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	

Footnote:	C - CRATE REEL PUT-UP.
-----------	------------------------

© 2026 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.