



**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**

**Physical Characteristics (Overall)**

**Conductor**

AWG	Stranding	Material	No. of Conductors
18	41x34	TC - Tinned Copper	4

Conductor Count:

**Insulation**

Material	Nominal Wall Thickness
EPDM - Ethylene Propylene Diene Monomer	0.018 in

**Color Chart**

Color
Black
White
Brown
Red

**Outer Shield Material**

Material
No Shield

**Outer Jacket Material**

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
SBR - Styrene Butadiene Rubber	0.265 in	0.0355 in	Paper Tape

**Construction and Dimensions**

**Cabling**

Filler
Jute

**Electrical Characteristics**

**Current**

Max. Recommended Current [A]
5.6 Amps per conductor @ 25°C

**Voltage**

Dielectric Withstand Voltage	UL Voltage Rating
1500 V AC Applied for 1 Min.	300 V RMS

## Temperature Range

UL Temp Rating:	60°C
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## Mechanical Characteristics

Bulk Cable Weight:	50 lbs/1000ft
Max Recommended Pulling Tension:	82 lbs
Min Bend Radius/Minor Axis:	2.75 in

## Standards

NEC Articles:	800
UL AWM Style:	UL Style 4097

## Applicable Environmental and Other Programs

EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/96/EC (BFR):	Yes
EU Directive 2011/65/EU (ROHS II):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU:	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
EU RoHS Compliance Date (yyyy-mm-dd):	2005-10-13
MII Order #39 (China RoHS):	Yes

## Flammability, LSOH, Toxicity Testing

UL voltage rating:	300 V RMS
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## Plenum/Non-Plenum

Plenum (Y/N):	No
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## Part Number

### 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

Footnote:	C - CRATE REEL PUT-UP.
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## Product Notes

Notes:	Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min.
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## History

Update and Revision:	Revision Number: 0.298 Revision Date: 04-28-2020
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