



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

Physical Characteristics (Overall)

Conductor

Element	AWG	Stranding	Material	No. of Conductors
Conductor(s)	18	41x34	TC - Tinned Copper	4

Conductor Count:

Insulation

Element	Material	Nominal Wall Thickness
Conductor(s)	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: 0.300 Revision Date: 05-11-2020
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