



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**Part Number: 8454**

Audio/Control/Instrumentation, (4) 18 AWG (41x34) TC, EPDM/Rubber

[Request Sample](#)

## Product Description

Four 18 AWG stranded (41x34) tinned copper conductors, EPDM insulation, rubber jacket.

## Technical Specifications

### Physical Characteristics (Overall)

#### Conductor

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

Conductor Count:	4
Conductor Size:	18 AWG

#### Insulation

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

#### Color Chart

Color
Black
White
Brown
Red

#### Outer Shield Material

Material
Unshielded

#### Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
Rubber	0.265 in	0.0355 in	Paper Tape

### Construction and Dimensions

#### Cabling

Filler
Jute

Print Legend:	BELDEN 8454 (UL Logo) AWM 4097
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### Electrical Characteristics

Shielding:	Unshielded
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#### 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
CA Prop 65 (CJ for Wire & Cable):	Yes
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	Footnote
8454 010100	Black	
8454 0101000	Black	C
8454 010500	Black	C
8454 010U1000	Black	
8454 010U500	Black	

Footnote:	C - CRATE REEL PUT-UP.
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