



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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