

**Part Number:** 8454

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

## Product Description

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

## Product Specifications

## Technical Specifications

### Construction and Dimensions

#### Conductor:

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

<b>Total Number of Conductors:</b>	4
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#### Insulation:

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

#### Color Chart 1:

Color
Black
White
Brown
Red

#### Stranding:

Lay Length
Black mm

#### Cabling 1:

Filler
Jute

Outershield 1:

Material
Unshielded

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
Rubber	0.265 in	0.036 in	Paper Tape

Print Legend:	BELDEN 8454 (UL Logo) AWM 4097
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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

Use

Max Recommended Pulling Tension:	82 lbs
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Safety

Temperature Range

UL Temp Rating:	60°C
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Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.75 in
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Part Number

Plenum (Y/N):	No
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Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
UL AWM Style:	AWM Specification

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	EU CE Mark

History

Product Variants

Part Number	Length
8454 0101000	1000 ft
8454 010100	100 ft
8454 010500	500 ft
8454 010U1000	1000 ft
8454 010U500	500 ft

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