



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
Total Number of Conductors:			4

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	Color	Put-Up Type	Length
8454 0101000	BLACK	Reel	1000 ft
8454 010100	BLACK	Reel	100 ft
8454 010500	BLACK	Reel	500 ft
8454 010U1000	BLACK	Reel	1000 ft
8454 010U500	BLACK	Reel	500 ft

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