



Part Number: 8453

Audio/Control/Instrumentation, (3) 18 AWG (41x34) TC, EPDM/Rubber, Type SV

[Request Sample](#)

Product Description

Three 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	3

Conductor Count:	3
Conductor Size:	18 AWG

Insulation

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

Color Chart

Color
Black
White
Green

Outer Shield Material

Material
Unshielded

Outer Jacket Material

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
Rubber	0.256 in	0.036 in	Cotton Serve

Construction and Dimensions

Type of Cordage:	SV
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Cabling

Filler
Jute

Print Legend:	18-3 SV 60°C (UL) E3462----CSA LL7874 18-3 SV 60°C FT2
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Electrical Characteristics

Shielding:	Unshielded
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Current

Max. Recommended Current [A]
10 Amps per conductor @ 25°C, 7 Amps per conductor @ 25°C over 50 ft
7 Amps per conductor @ 25°C over 50 ft.

Voltage

Dielectric Withstand Voltage	UL Voltage Rating
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1500 V AC Applied for 1 Min.	300 V RMS
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Electrical Characteristics Notes:	Dielectric Withstand Voltage: 1500 V AC Applied for 1 Min
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Temperature Range

UL Temp Rating:	60°C
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Mechanical Characteristics

Bulk Cable Weight:	42 lbs/1000ft
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Standards

NEC/(UL) Specification:	SV
CSA AWM Specification:	SV

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 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, LS0H, Toxicity Testing

CSA Flammability:	FT2
UL voltage rating:	300 V RMS

Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Footnote
8453 010100	Black	
8453 010500	Black	C

Footnote:	C - CRATE REEL PUT-UP.
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