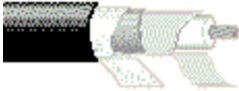


Product: [9395](#) 

Microphone Cable, 1 Conductor 18 AWG, TC



Product Description

18 AWG stranded (41x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (70% coverage), paper tape, CPE jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
18	41x34	TC - Tinned Copper (High Conductivity)	0.047 in	1

Conductor Count: 1

Insulation

Material	Nominal Diameter
EPDM - Ethylene Propylene Diene Monomer	0.137 in

Outer Shield

Type	Layer	Material	Coverage [%]
Spiral Serve / Screen	1	Textile (Conductive)	100%
Spiral Serve / Screen	2	Tinned Copper (TC)	70%
Tape	3		100%

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness	Separator Material
Neoprene	0.235 in	0.034 in	Paper Tape

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
6.5 Ohm/1000ft	6.5 Ohm/1000ft	11.3 Ohm/1000ft	11.3 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
55 pF/ft

Impedance

Nominal Characteristic Impedance
35 Ohm

Delay

Nominal Velocity of Propagation (VP) [%]
62%

Current

Max. Recommended Current [A]

6 Amps per Conductor at 25°C

Voltage

Non-UL Voltage Rating
300 V RMS

Temperature Range

Non-UL Temp Rating:	60°C
Operating Temp Range:	-30°C To +60°C

Mechanical Characteristics

Bulk Cable Weight:	35 lbs/1000ft
Max. Pull Tension:	36 lbs
Min. Bend Radius/Minor Axis:	2.5 in

Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2003/11/EC (BFR):	Yes
EU Directive 2011/65/EU (RoHS 2):	Yes
EU Directive 2012/19/EU (WEEE):	Yes
EU Directive 2015/863/EU (RoHS 2 amendment):	Yes
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes
MII Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Flammability, LSOH, Toxicity Testing

UL Flammability:	VW-1
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Put-Up Type	Length	UPC
9395 0101000	Black	Reel	1,000 ft	612825358633

Footnote:	C - CRATE REEL PUT-UP.
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History

Update and Revision:	Revision Number: 0.368 Revision Date: 08-27-2021
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