
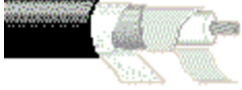


Product: [9395](#) 

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
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##### Insulation

Material	Nominal Diameter
EPDM - Ethylene Propylene Diene Monomer	0.137 in

##### Outer Shield Material

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

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 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):	2005-04-01
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	Putup Type	Length	UPC
9395 0101000	Black	Reel	1,000 ft	612825358633

Footnote: C - CRATE REEL PUT-UP.

## History

Update and Revision:	Revision Number: 0.339 Revision Date: 02-16-2021
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