



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

Product Overview

Suitable Applications:	Microphone, Musical Instrument
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Construction Details

Conductor

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

Insulation

Material	Nom. Insulation Diameter	Color Code
EPDM - Ethylene Propylene Diene Monomer	0.137 in (3.48 mm)	White

Outer Shield

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

Outer Jacket

Material	Nom. Diameter
Neoprene	0.235 in (5.97 mm)

Overall Cable Diameter (Nominal):	0.235 in (5.97 mm)
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Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Outer Shield DCR	Nom. Capacitance Cond-to-Shield	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
6.5 Ohm/1000ft (21 Ohm/km)	11.3 Ohm/1000ft (37.1 Ohm/km)	55 pF/ft (180 pF/m)	35 Ohm	62%	6 Amps per Conductor at 25°C

Voltage

Voltage Rating
300 V RMS

Mechanical Characteristics

Temperature

UL Temperature	Operating
60°C	-30°C To +60°C

Bend Radius

Stationary Min.	Installation Min.
2.5 in (64 mm)	2.5 in (64 mm)

Max. Pull Tension:	60 lbs (27 kg)
Bulk Cable Weight:	34 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Flammability / Reaction to Fire:	[delete]
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

Product Notes

Notes:	(1) # Elements@Conductor1 - Entered 1 (Previous Stibo data - Blank) (2) Insulation Color 1 - Entered White (Previous Stibo data - Blank) (3) Cable Diameter (Nominal) - Entered 0.235 in (Previous Stibo data - Blank) (4) Bulk Cable Weight - Entered 34 lbs/1000 ft (Stibo data - 35 lbs/1000 ft)
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History

Update and Revision:	Revision Number: 0.480 Revision Date: 04-29-2024
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Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9395 0101000	Black	Reel	1,000 ft	612825358633	C

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