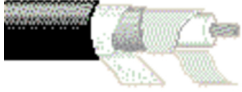


Product: [9778](#) 

Microphone Cable, 1 Conductor 20 AWG, TC



Product Description

20 AWG stranded (26x34) high-conductivity TC conductor, EPDM rubber insulation, conductive textile (100%) plus TC spiral shields (75% coverage), paper tape, CPE jacket.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	Nominal Diameter	No. of Coax
20	26x34	TC - Tinned Copper (High Conductivity)	0.037 in	1

Conductor Count:	1
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Insulation

Material	Nominal Diameter
EPDM - Ethylene Propylene Diene Monomer	0.117 in

Outer Shield Material

Type	Layer	Material	Coverage [%]
Spiral Serve / Screen	1	Textile (Conductive)	100%
Spiral Serve / Screen	2	Tinned Copper (TC)	75%
Tape	3		75%

Outer Jacket Material

Material	Nominal Diameter	Separator Material
Neoprene	0.235 in	Paper Tape

Electrical Characteristics

Conductor DCR

Nominal Conductor DCR	Nominal Conductor DCR	Conductor Resistance	Nominal Outer Shield DCR	Outer Conductor DCR
10.2 Ohm/1000ft	10.2 Ohm/1000ft		11.6 Ohm/1000ft	11.6 Ohm/1000ft

Capacitance

Nom. Capacitance Conductor to Shield
45 pF/ft

Impedance

Nominal Characteristic Impedance
40 Ohm

Current

Max. Recommended Current [A]
4 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:	34 lbs/1000ft
Max. Pull Tension:	13 lbs
Min Bend Radius/Minor Axis:	2.5 in

Standards

RG Type:	N/A
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Applicable Environmental and Other Programs

Environmental Space:	Indoor (Not Riser or Plenum)
EU Directive 2000/53/EC (ELV):	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
MIL Order #39 (China RoHS):	Yes

Suitability

Suitability - Indoor:	Yes
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Part Number

Variants

Item #	Color	Putup Type	Length	UPC
9778 0101000	Chrome	Reel	1,000 ft	612825259640

History

Update and Revision:	Revision Number: 0.270 Revision Date: 08-25-2020
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