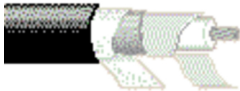




Product: [9778](#)

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	

Insulation	
Material	Nominal Diameter
EPDM - Ethylene Propylene Diene Monomer	0.117 in

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

Outer Jacket		
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 Temperature 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

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 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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Plenum/Non-Plenum

Plenum (Y/N):	No
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Related Part Numbers

Variants

Item #	Color	Put-Up Type	Length	UPC
9778 0101000	Chrome	Reel	1,000 ft	612825259640

History

Update and Revision:	Revision Number: 0.359 Revision Date: 04-29-2024
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