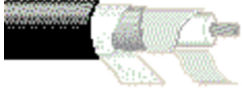




Product: [9778](#)

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: 0.358 Revision Date: 11-09-2022
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