

# UT-070C-10

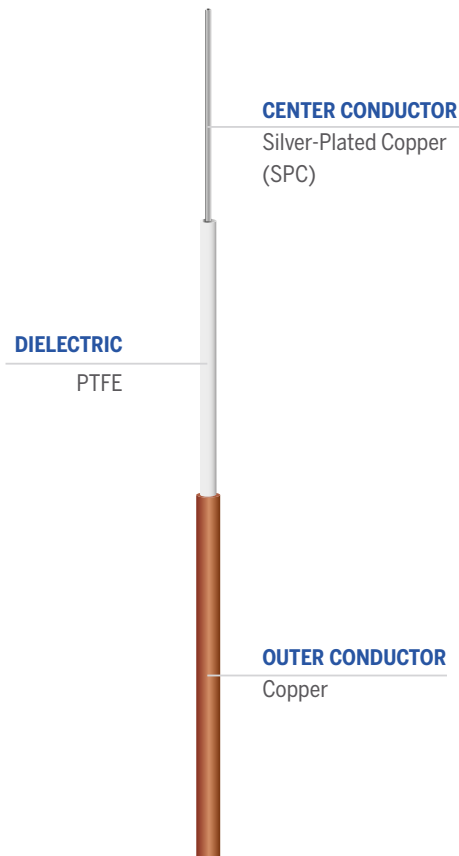
## Semi-Rigid Coaxial Cables



Micro-Coax's specialized impedance semi-rigid cables—with impedances from 5 to 100Ω and diameters from 0.020 to 0.250 inches—are an ideal solution for any impedance matching requirement.

 <b>Impedance</b> 10 Ohms	 <b>Operating Temperature</b> -55°C to +125°C	 <b>RoHS</b> Compliant
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### Details and Materials



### Dimensions

Outer Conductor Diameter	in	0.070
	mm	1.778
Center Conductor Diameter	in	0.0403
	mm	1.0236
Length (Maximum)	ft	20
	m	6.10

### Mechanical Characteristics\*

Outer Conductor Integrity Temp.	°C	150
Inside Bend Radius (Minimum)	in	0.125
	mm	3.175
Weight	lbs/100ft	1.35
	kg / 100m	2.03

### Electrical Characteristics\*

Capacitance	pF/ft	145.1
	pF/m	476.0
Corona Extinction Voltage	VRMS @60 Hz	400
Voltage Withstanding	VRMS @60 Hz	1200
Higher Order Mode Frequency	GHz	58.0

### Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	43.2
1.0	30.5
5.0	13.5
10.0	9.5
18.0	7
26.5	5.7
40.0	4.6
50.0	4.1
65.0	N/A
90.0	N/A

### Attenuation (Typical)

GHz	dB/100 ft
0.5	50.7
1.0	72
5.0	163.3
10.0	233.4
18.0	316.9
26.5	388.4
40.0	483.4
50.0	544.8
65.0	N/A
90.0	N/A

\* Applicable at room temperature. Contact for performance over temperature range.

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