

# UT-020-13

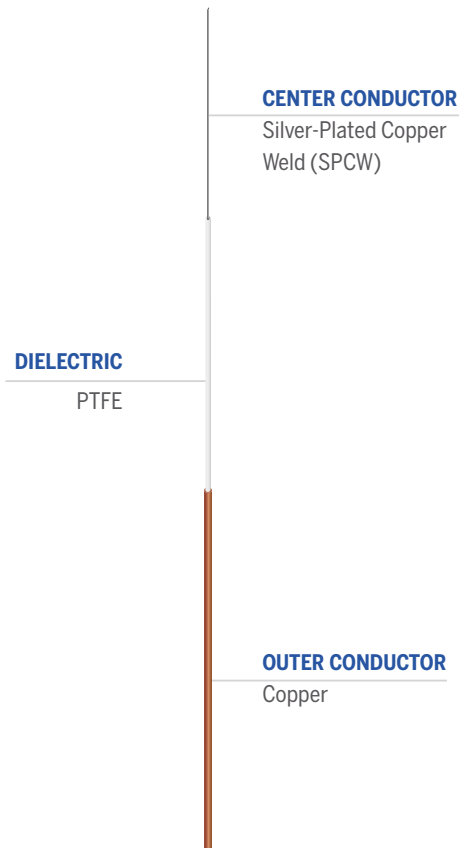
## Semi-Rigid Coaxial Cables



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.

 **Impedance**  
13 Ohms
  **Operating Temperature**  
-55°C to +100°C
  **RoHS**  
Compliant

### Details and Materials



### Dimensions

Outer Conductor Diameter	in	0.023
	mm	0.584
Center Conductor Diameter	in	0.0126
	mm	0.3200
Length (Maximum)	ft	10
	m	3.05

### Mechanical Characteristics\*

Outer Conductor Integrity Temp.	°C	125
Inside Bend Radius (Minimum)	in	0.050
	mm	1.270
Weight	lbs/100ft	0.13
	kg / 100m	0.20

### Electrical Characteristics\*

Capacitance	pF/ft	111.6
	pF/m	366.0
Corona Extinction Voltage	VRMS @60 Hz	200
Voltage Withstanding	VRMS @60 Hz	250
Higher Order Mode Frequency	GHz	178.0

### Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	6.2
1.0	4.4
5.0	2
10.0	1.4
18.0	1
26.5	0.8
40.0	0.7
50.0	0.6
65.0	0.5
90.0	0.4

### Attenuation (Typical)

GHz	dB/100 ft
0.5	112.2
1.0	158.9
5.0	357.5
10.0	508
18.0	685.4
26.5	835.5
40.0	1032.7
50.0	1159
65.0	1328.1
90.0	1574

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

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