

# UT-034-95

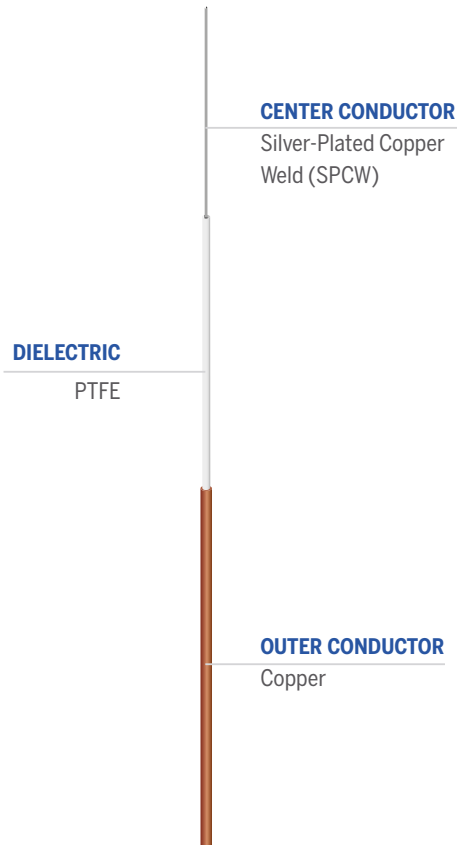
## Semi-Rigid Coaxial Cables



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> 95 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	0.034
	mm	0.864
Center Conductor Diameter	in	0.0028
	mm	0.0711
Length (Maximum)	ft	15
	m	4.57

### Mechanical Characteristics\*

Outer Conductor Integrity Temp.	°C	150
Inside Bend Radius (Minimum)	in	0.050
	mm	1.270
Weight	lbs/100ft	0.19
	kg / 100m	0.29

### Electrical Characteristics\*

Capacitance	pF/ft	15.3
	pF/m	50.1
Corona Extinction Voltage	VRMS @60 Hz	900
Voltage Withstanding	VRMS @60 Hz	2700
Higher Order Mode Frequency	GHz	177.0

### Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	28.2
1.0	19.9
5.0	8.8
10.0	6.1
18.0	4.5
26.5	3.7
40.0	3
50.0	2.6
65.0	2.3
90.0	1.9

### Attenuation (Typical)

GHz	dB/100 ft
0.5	42.5
1.0	60.4
5.0	137.4
10.0	196.7
18.0	267.7
26.5	328.7
40.0	410.1
50.0	462.8
65.0	534.4
90.0	640

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

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