

# UT-085-75-TP

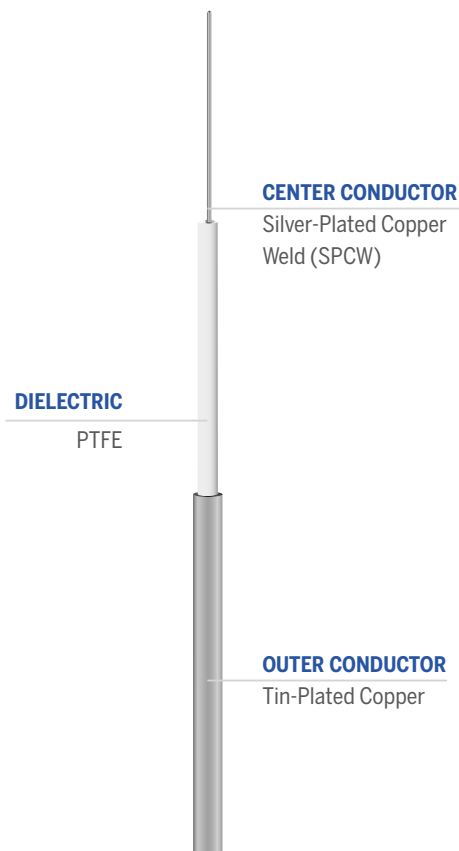
## Semi-Rigid Coaxial Cables



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> 75 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	0.085
	mm	2.159
Center Conductor Diameter	in	0.0113
	mm	0.2870
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	1.25
	kg/100m	1.88

### Electrical Characteristics\*

Capacitance	pF/ft	19.3
	pF/m	63.5
Corona Extinction Voltage	VRMS @60 Hz	2200
Voltage Withstanding	VRMS @60 Hz	6600
Higher Order Mode Frequency	GHz	67.0

### Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	144
1.0	100.8
5.0	43.4
10.0	29.8
18.0	21.5
26.5	17.3
40.0	13.6
50.0	11.9
65.0	10.2
90.0	N/A

### Attenuation (Typical)

GHz	dB/100 ft
0.5	14.5
1.0	20.7
5.0	48.7
10.0	71.3
18.0	99.4
26.5	124.5
40.0	159.1
50.0	182.3
65.0	214.5
90.0	N/A

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

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