

UT-085C-15

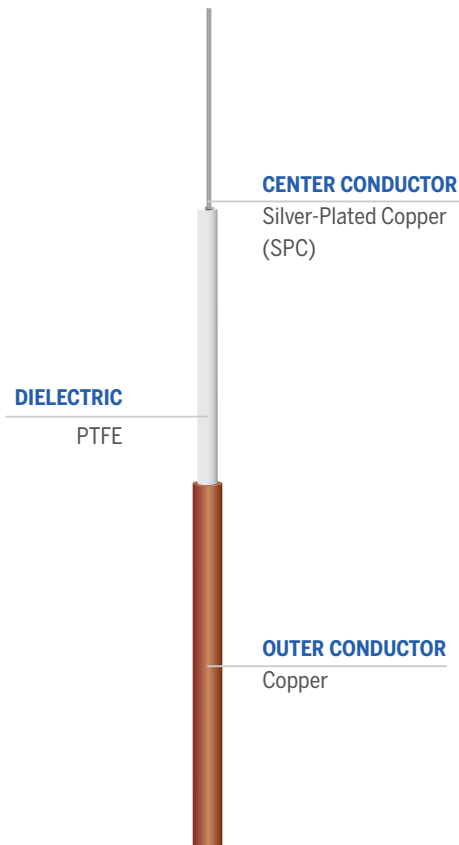
Semi-Rigid Coaxial Cables



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 15 Ohms	Operating Temperature -55°C to +125°C	RoHS Compliant
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Details and Materials



Dimensions

Outer Conductor Diameter	in	0.087
	mm	2.197
Center Conductor Diameter	in	0.0453
	mm	1.1506
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	150
Inside Bend Radius (Minimum)	in	0.250
	mm	6.350
Weight	lbs/100ft	1.83
	kg / 100m	2.75

Electrical Characteristics*

Capacitance	pF/ft	96.7
	pF/m	317.0
Corona Extinction Voltage	VRMS @60 Hz	800
Voltage Withstanding	VRMS @60 Hz	2400
Higher Order Mode Frequency	GHz	47.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	106.9
1.0	75.2
5.0	32.8
10.0	22.8
18.0	16.7
26.5	13.5
40.0	10.8
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	24.4
1.0	34.7
5.0	79.9
10.0	115.5
18.0	158.7
26.5	196.4
40.0	247.5
50.0	N/A
65.0	N/A
90.0	N/A

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

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