

UT-141-75

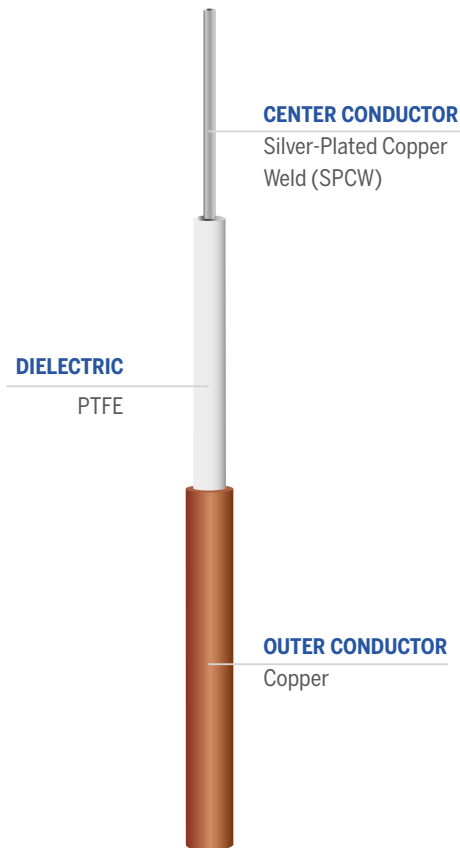
Semi-Rigid Coaxial Cables



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



Dimensions

Outer Conductor Diameter	in	0.141
	mm	3.581
Center Conductor Diameter	in	0.0201
	mm	0.5105
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.075
	mm	1.905
Weight	lbs/100ft	3.09
	kg/100m	4.64

Electrical Characteristics*

Capacitance	pF/ft	19.3
	pF/m	63.5
Corona Extinction Voltage	VRMS @60 Hz	3800
Voltage Withstanding	VRMS @60 Hz	11400
Higher Order Mode Frequency	GHz	38.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	549.1
1.0	382.3
5.0	160.6
10.0	108.6
18.0	77.1
26.5	61
40.0	N/A
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	8.4
1.0	12.1
5.0	29.4
10.0	44.1
18.0	62.9
26.5	80.2
40.0	N/A
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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