

UT-141-100

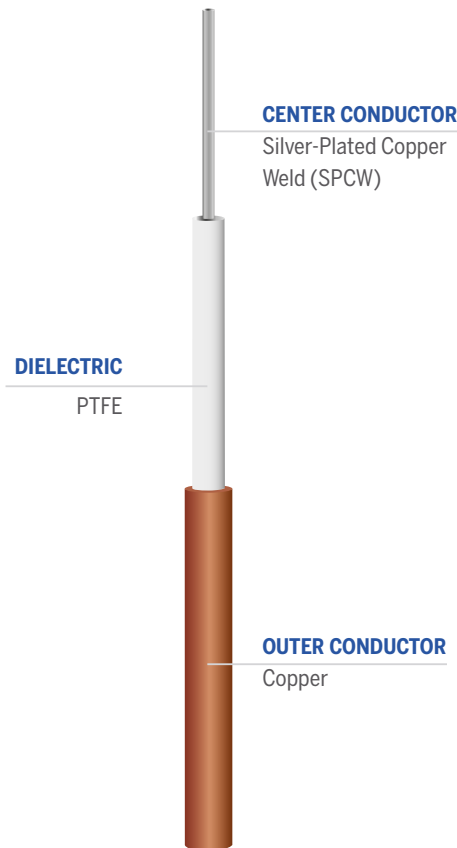
Semi-Rigid Coaxial Cables



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 100 Ohms	 Operating Temperature -55°C to +125°C	 RoHS Compliant
--	---	--

Details and Materials



Dimensions

Outer Conductor Diameter	in	0.141
	mm	3.581
Center Conductor Diameter	in	0.0100
	mm	0.2540
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	3.03
	kg/100m	4.55

Electrical Characteristics*

Capacitance	pF/ft	14.5
	pF/m	47.6
Corona Extinction Voltage	VRMS @60 Hz	4200
Voltage Withstanding	VRMS @60 Hz	12600
Higher Order Mode Frequency	GHz	41.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	332.3
1.0	232.2
5.0	98.9
10.0	67.5
18.0	48.4
26.5	38.6
40.0	30.2
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	11.1
1.0	15.9
5.0	37.9
10.0	56
18.0	79
26.5	99.7
40.0	128.7
50.0	N/A
65.0	N/A
90.0	N/A

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

MICRO-COAX 
AN AMPHENOL COMPANY