

UT-141C-35

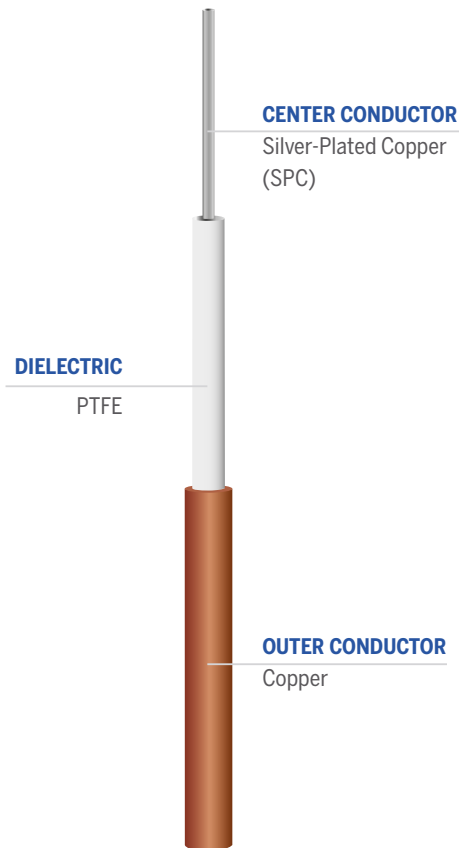
Semi-Rigid Coaxial Cables



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 35 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	0.0508
	mm	1.2903
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.250
	mm	6.350
Weight	lbs/100ft	3.66
	kg/100m	5.49

Electrical Characteristics*

Capacitance	pF/ft	41.5
	pF/m	136.0
Corona Extinction Voltage	VRMS @60 Hz	2600
Voltage Withstanding	VRMS @60 Hz	7800
Higher Order Mode Frequency	GHz	31.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	552.5
1.0	384.6
5.0	161.5
10.0	109.2
18.0	77.5
26.5	61.3
40.0	N/A
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	8.6
1.0	12.4
5.0	30.1
10.0	45
18.0	64.1
26.5	81.7
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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