

UT-141C-25

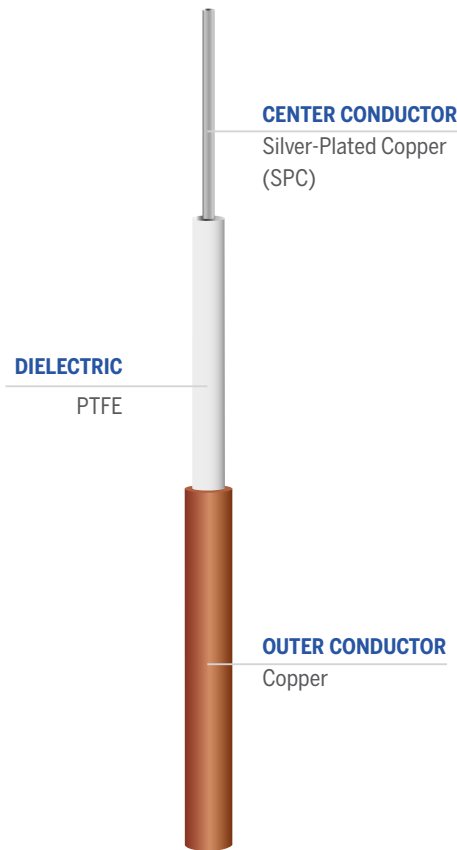
Semi-Rigid Coaxial Cables



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 25 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	0.0640
	mm	1.6256
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.188
	mm	4.775
Weight	lbs/100ft	4.02
	kg/100m	6.04

Electrical Characteristics*

Capacitance	pF/ft	58.0
	pF/m	190.0
Corona Extinction Voltage	VRMS @60 Hz	2100
Voltage Withstanding	VRMS @60 Hz	6300
Higher Order Mode Frequency	GHz	29.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	472.5
1.0	329.7
5.0	139.7
10.0	95
18.0	67.8
26.5	54
40.0	N/A
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	10.1
1.0	14.6
5.0	34.8
10.0	51.7
18.0	73.2
26.5	92.7
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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