

UT-034C-10

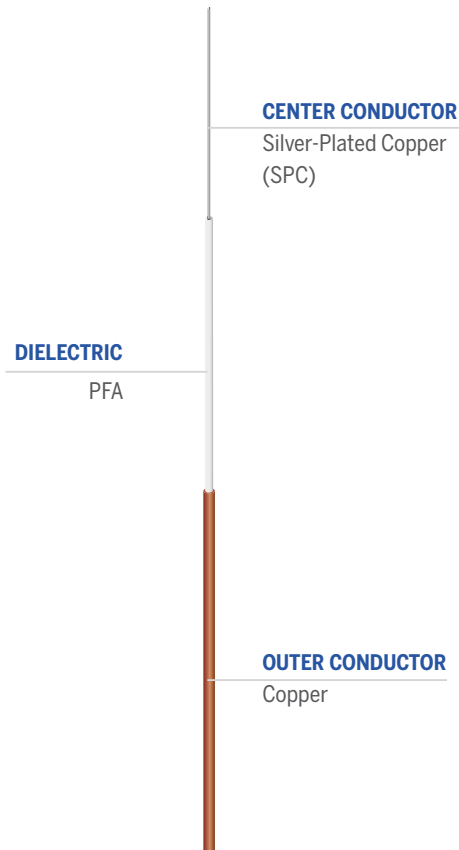
Semi-Rigid Coaxial Cables



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 10 Ohms	Operating Temperature -55°C to +150°C	RoHS Compliant
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Details and Materials



Dimensions

Outer Conductor Diameter	in	0.034
	mm	0.864
Center Conductor Diameter	in	0.0201
	mm	0.5105
Length (Maximum)	ft	15
	m	4.57

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.125
	mm	3.175
Weight	lbs/100ft	0.32
	kg / 100m	0.48

Electrical Characteristics*

Capacitance	pF/ft	145.1
	pF/m	476.0
Corona Extinction Voltage	VRMS @60 Hz	200
Voltage Withstanding	VRMS @60 Hz	600
Higher Order Mode Frequency	GHz	117.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	15
1.0	10.6
5.0	4.7
10.0	3.3
18.0	2.4
26.5	2
40.0	1.6
50.0	1.4
65.0	1.3
90.0	1.1

Attenuation (Typical)

GHz	dB/100 ft
0.5	100.2
1.0	142
5.0	320.3
10.0	456
18.0	616.6
26.5	752.9
40.0	932.8
50.0	1048.4
65.0	1203.6
90.0	1430.4

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

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