

UT-250-75

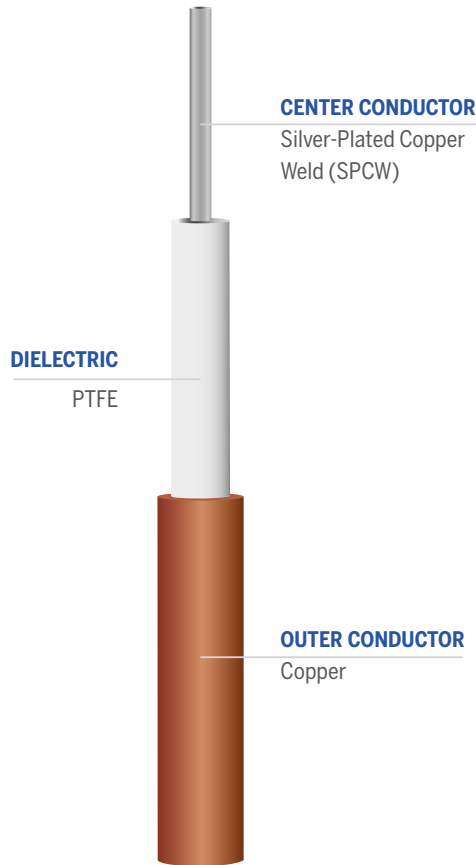
Semi-Rigid Coaxial Cables



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 +100°C	 RoHS Compliant
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Details and Materials



Dimensions

Outer Conductor Diameter	in	0.250
	mm	6.350
Center Conductor Diameter	in	0.0359
	mm	0.9119
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	150
Inside Bend Radius (Minimum)	in	0.500
	mm	12.700
Weight	lbs/100ft	9.15
	kg/100m	13.74

Electrical Characteristics*

Capacitance	pF/ft	19.3
	pF/m	63.5
Corona Extinction Voltage	VRMS @60 Hz	6900
Voltage Withstanding	VRMS @60 Hz	20700
Higher Order Mode Frequency	GHz	21.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	1234
1.0	849.1
5.0	341
10.0	224
18.0	154.2
26.5	N/A
40.0	N/A
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	4.8
1.0	71
5.0	18.1
10.0	28.1
18.0	41.4
26.5	N/A
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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