

UT-062-18

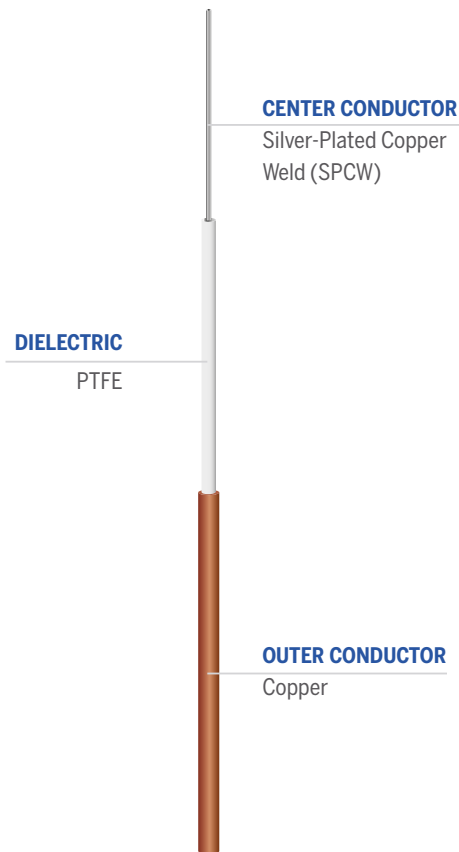
Semi-Rigid Coaxial Cables



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 18 Ohms	 Operating Temperature -55°C to +125°C	 RoHS Compliant
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Details and Materials



Dimensions

Outer Conductor Diameter	in	0.062
	mm	1.575
Center Conductor Diameter	in	0.0320
	mm	0.8128
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	150
Inside Bend Radius (Minimum)	in	0.125
	mm	3.175
Weight	lbs/100ft	0.87
	kg / 100m	1.31

Electrical Characteristics*

Capacitance	pF/ft	80.6
	pF/m	264.0
Corona Extinction Voltage	VRMS @60 Hz	700
Voltage Withstanding	VRMS @60 Hz	2100
Higher Order Mode Frequency	GHz	65.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	66.7
1.0	46.9
5.0	20.6
10.0	14.3
18.0	10.5
26.5	8.6
40.0	6.8
50.0	6.1
65.0	5.2
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	29.8
1.0	42.4
5.0	97
10.0	139.6
18.0	191.1
26.5	235.8
40.0	295.9
50.0	335.2
65.0	388.9
90.0	N/A

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

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