

UT-130-93

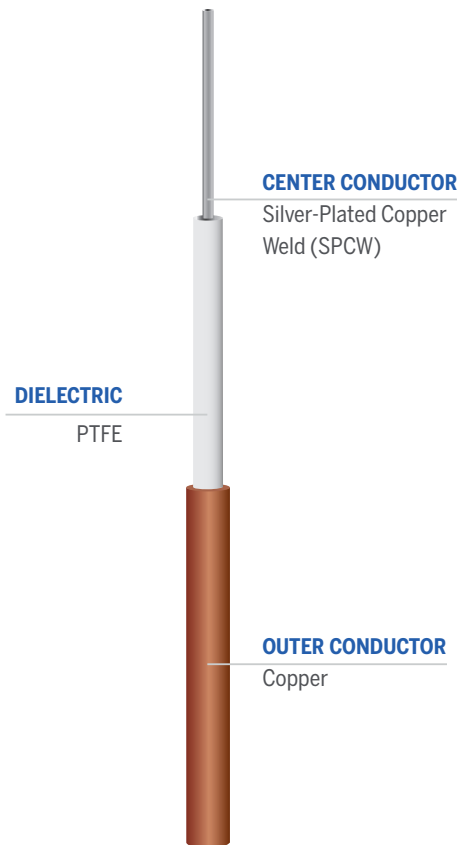
Semi-Rigid Coaxial Cables



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 93 Ohms |
 Operating Temperature -55°C to +125°C |
 RoHS Compliant

Details and Materials



Dimensions

Outer Conductor Diameter	in	0.130
	mm	3.302
Center Conductor Diameter	in	0.0113
	mm	0.2870
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	2.86
	kg / 100m	4.29

Electrical Characteristics*

Capacitance	pF/ft	15.6
	pF/m	51.2
Corona Extinction Voltage	VRMS @60 Hz	3600
Voltage Withstanding	VRMS @60 Hz	10800
Higher Order Mode Frequency	GHz	46.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	380.6
1.0	266.1
5.0	113.5
10.0	77.6
18.0	55.7
26.5	44.5
40.0	34.9
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	11.2
1.0	16.1
5.0	38.2
10.0	56.4
18.0	79.5
26.5	100.4
40.0	129.5
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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