UT-141C-15

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 15 Ohms | **Operating Temperature** -55°C to +150°C | **RoHS** Compliant

Dimensions

Outer Conductor Diameter	in	0.141
	mm	3.581
Center Conductor Diameter	in	0.0800
	mm	2.0320
Length (Maximum)	ft	20
	m	6.10

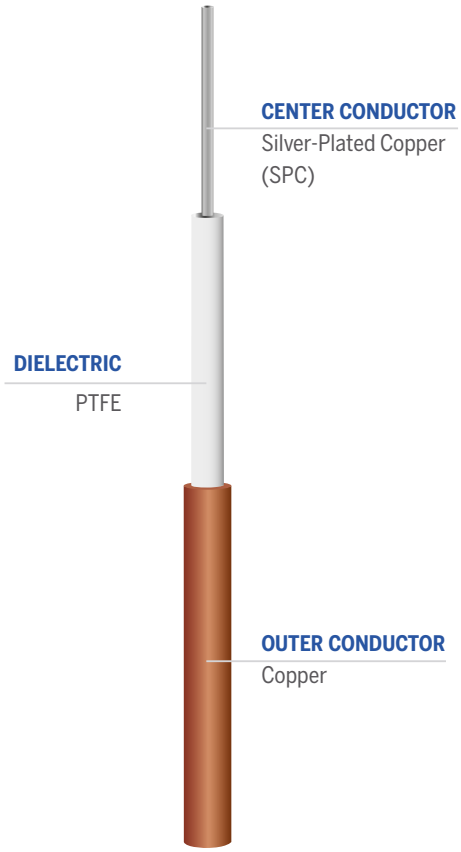
Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.188
	mm	4.775
Weight	lbs/100ft	4.74
	kg/100m	7.12

Electrical Characteristics*

Capacitance	pF/ft	96.7
	pF/m	317.0
Corona Extinction Voltage	VRMS @60 Hz	1300
Voltage Withstanding	VRMS @60 Hz	3900
Higher Order Mode Frequency	GHz	27.0

Details and Materials



Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	320.6
1.0	224.7
5.0	96.8
10.0	66.6
18.0	48.2
26.5	38.7
40.0	N/A
50.0	N/A
65.0	N/A
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	15
1.0	21.4
5.0	50.2
10.0	73.4
18.0	102.2
26.5	127.9
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.

MICRO-COAX
AN AMPHENOL COMPANY

206 Jones Blvd, Pottstown, PA 19464, United States +1 (610) 495-0110

Rev.1: 02/2025