

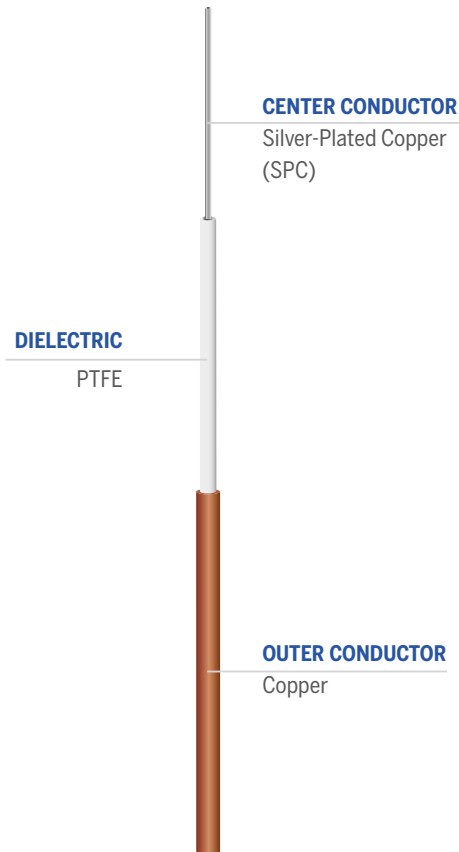
UT-070C

Semi-Rigid Coaxial Cables



The 50Ω copper semi-rigid cables from Micro-Coax offer exceptional performance with minimal signal loss and low VSWR across the operating frequency. These versatile cables are engineered with high shielding effectiveness to reduce signal loss and interference, making them ideal for today's demanding applications.

Details and Materials



MICRO-COAX
AN AMPHENOL COMPANY

Impedance 50 Ohms |
 Operating Temperature -55°C to +100°C |
 RoHS Compliant

Dimensions

Outer Conductor Diameter	in	0.070
	mm	1.778
Center Conductor Diameter	in	0.0179
	mm	0.4547
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	135
Inside Bend Radius (Minimum)	in	0.125
	mm	3.175
Weight	lbs/100ft	0.80
	kg / 100m	1.20

Electrical Characteristics*

Capacitance	pF/ft	29.0
	pF/m	95.2
Corona Extinction Voltage	VRMS @60 Hz	1200
Voltage Withstanding	VRMS @60 Hz	4800
Higher Order Mode Frequency	GHz	68.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	124
1.0	86.9
5.0	37.4
10.0	25.7
18.0	18.6
26.5	14.9
40.0	11.8
50.0	10.3
65.0	8.8
90.0	N/A

Attenuation (Typical)

GHz	dB/100 ft
0.5	15.2
1.0	21.7
5.0	50.9
10.0	74.4
18.0	103.7
26.5	129.7
40.0	165.5
50.0	189.4
65.0	222.6
90.0	N/A

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