

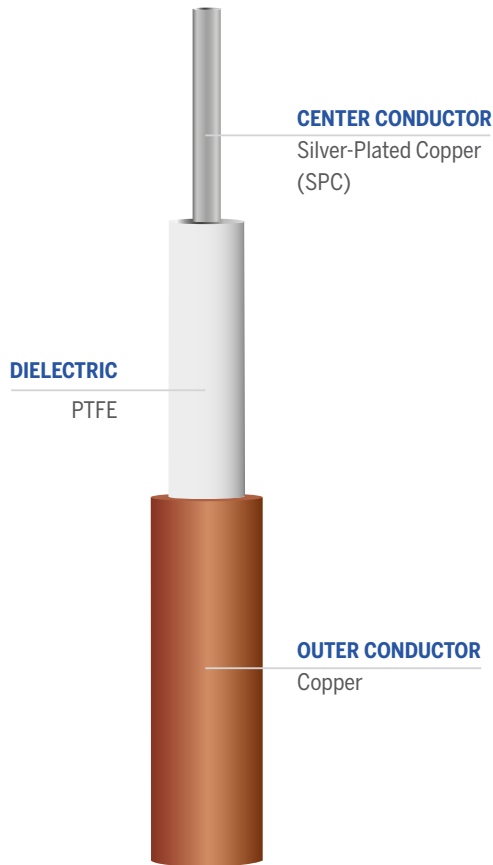
# UT-390C

## 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



 <b>Impedance</b> 50 Ohms	 <b>Operating Temperature</b> -55°C to +90°C	 <b>RoHS</b> Compliant
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### Dimensions

Outer Conductor Diameter	in	0.390
	mm	9.906
Center Conductor Diameter	in	0.1020
	mm	2.5908
Length (Maximum)	ft	20
	m	6.10

### Mechanical Characteristics\*

Outer Conductor Integrity Temp.	°C	175
Inside Bend Radius (Minimum)	in	0.750
	mm	19.050
Weight	lbs/100ft	24.40
	kg/100m	36.63

### Electrical Characteristics\*

Capacitance	pF/ft	29.0
	pF/m	95.2
Corona Extinction Voltage	VRMS @60 Hz	6000
Voltage Withstanding	VRMS @60 Hz	26700
Higher Order Mode Frequency	GHz	12.0

### Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	3425.8
1.0	2321.5
5.0	883.1
10.0	561.6
18.0	N/A
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	3
1.0	4.6
5.0	12.5
10.0	20.1
18.0	N/A
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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