

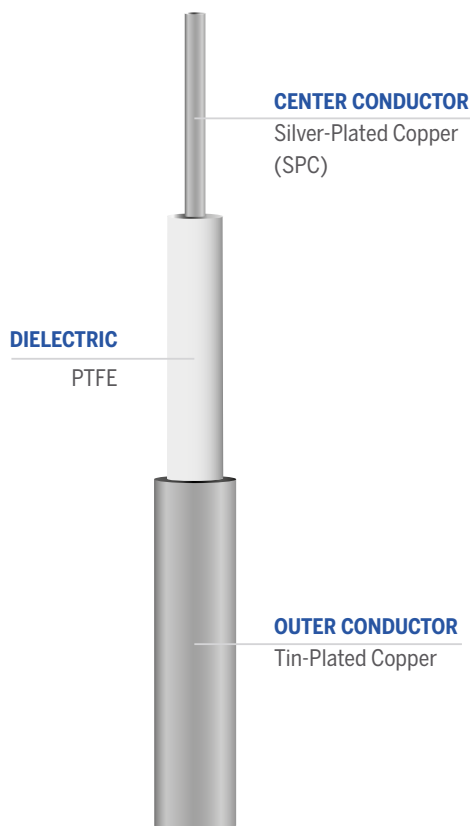
UT-250C-AL-TP

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



 Impedance 50 Ohms	 Operating Temperature -55°C to +225°C	 RoHS Compliant
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Dimensions

Outer Conductor Diameter	in	0.250
	mm	6.350
Center Conductor Diameter	in	0.0641
	mm	1.6281
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	225
Inside Bend Radius (Minimum)	in	0.250
	mm	6.350
Weight	lbs/100ft	6.18
	kg/100m	9.28

Electrical Characteristics*

Capacitance	pF/ft	29.0
	pF/m	95.2
Corona Extinction Voltage	VRMS @60 Hz	5600
Voltage Withstanding	VRMS @60 Hz	16800
Higher Order Mode Frequency	GHz	19.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	1395.1
1.0	961.1
5.0	387.6
10.0	255.3
18.0	176.2
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	4.9
1.0	7.2
5.0	18.4
10.0	28.4
18.0	42
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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