

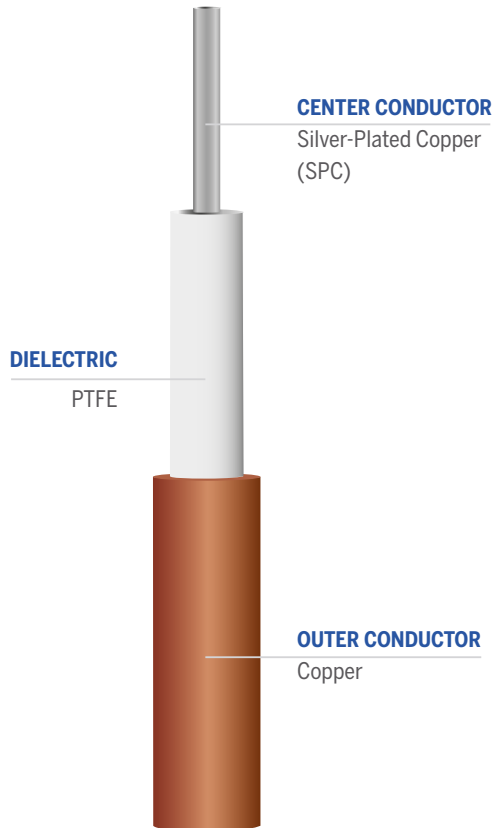
UT-325C

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 +90°C	RoHS Compliant
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Dimensions

Outer Conductor Diameter	in	0.325
	mm	8.255
Center Conductor Diameter	in	7 x 0.0312
	mm	7 x 0.7925
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	125
Inside Bend Radius (Minimum)	in	0.750
	mm	19.050
Weight	lbs/100ft	15.93
	kg/100m	23.92

Electrical Characteristics*

Capacitance	pF/ft	29.0
	pF/m	95.2
Corona Extinction Voltage	VRMS @60 Hz	3000
Voltage Withstanding	VRMS @60 Hz	7500
Higher Order Mode Frequency	GHz	14.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	1702.4
1.0	1156.5
5.0	443.6
10.0	283.5
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	3.5
1.0	5.2
5.0	13.8
10.0	22
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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