

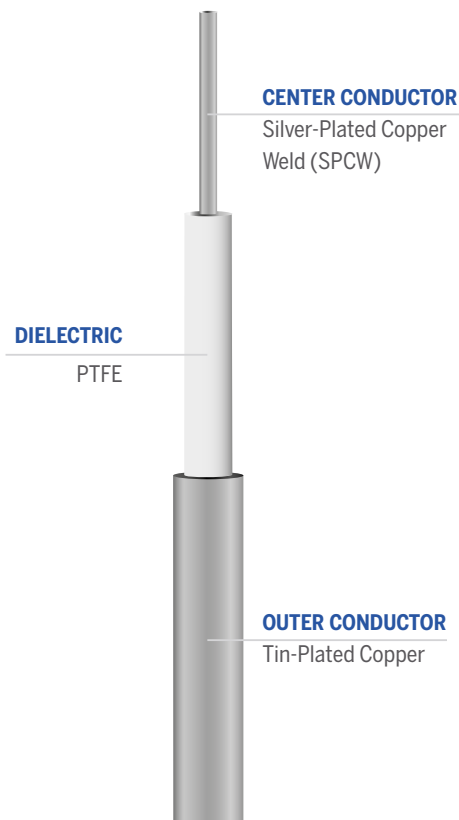
UT-215-TP

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 +125°C	 RoHS Compliant
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Dimensions

Outer Conductor Diameter	in	0.215
	mm	5.461
Center Conductor Diameter	in	0.0571
	mm	1.4503
Length (Maximum)	ft	20
	m	6.10

Mechanical Characteristics*

Outer Conductor Integrity Temp.	°C	150
Inside Bend Radius (Minimum)	in	0.375
	mm	9.525
Weight	lbs/100ft	7.17
	kg/100m	10.76

Electrical Characteristics*

Capacitance	pF/ft	29.0
	pF/m	95.2
Corona Extinction Voltage	VRMS @60 Hz	3000
Voltage Withstanding	VRMS @60 Hz	15000
Higher Order Mode Frequency	GHz	22.0

Power (@ 20 °C, Maximum)

GHz	Watts Cw
0.5	844.1
1.0	581.2
5.0	234
10.0	154
18.0	106.1
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	5.1
1.0	7.5
5.0	19.1
10.0	29.4
18.0	43.3
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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