

Mininature Coaxial Cables

1.37 mm Mini-Coax

Construction

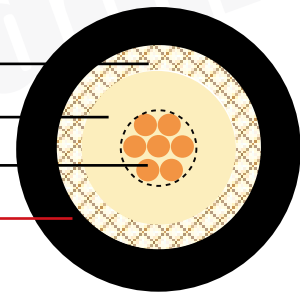
Inner conductor	Silver plated annealed copper	7 x 0.102 mm
Dielectric	PFA	Φ0.89 mm
Outer conductor	Silver plated annealed copper	0.05 mm
Shield coverage		95%
Sheath	PFA	Φ1.37 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	96 pF/m
Velocity of propagation	70%
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-55°C - +180 °C
Test insulation voltage	1KV



Silver plated annealed copper outer conductor
PFA dielectric
Silvered copper inner conductor
PFA sheath



Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
1000	160	48.8
2000	230	70.1
3000	290	88.4
4000	340	103.6
5000	400	121.9
6000	430	131.1