

# Mininature Coaxial Cables

## 0.81 mm Mini-Coax

### Construction

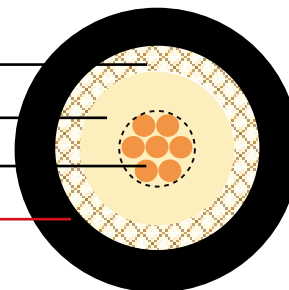
Inner conductor	Silver plated copper	7 x 0.05 mm
Dielectric	PFA	Φ0.40 mm
Outer conductor	Silver plated copper	0.05 mm
Shield coverage		95%
Sheath	PFA	Φ0.81 mm

### 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	1000V



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	320	97.5
2000	400	121.9
3000	580	176.8
4000	650	198.1
5000	740	225.6
6000	940	286.5

