

# Mininature Coaxial Cables

## 1.48 mm Mini-Coax

### Construction

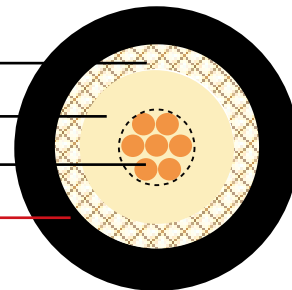
Inner conductor	Silver plated annealed copper	7 x 0.102 mm
Dielectric	PFA	Φ0.86 mm
Outer conductor	Silver plated annealed copper	0.08 mm
Shield coverage		95%
Sheath	PFA	Φ1.48 mm

### 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	155	47.2
2000	255	77.7
3000	360	109.7
4000	410	125.0
5000	460	140.2
6000	550	167.6