

# Mininature Coaxial Cables

## RG179 Mini-Coax

### Construction

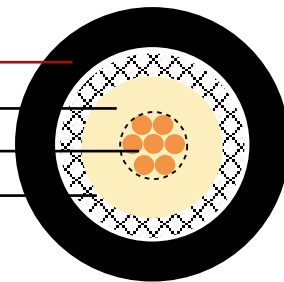
Inner conductor	Silver plated copper	7 x 0.10 mm
Dielectric	Solid PTFE	Φ1.60 mm
Outer conductor	Silver plated copper	0.10 mm
Sheath	FEP	Φ2.50 mm

### Electrical & Mechanical Characteristics

Impedance	75±5 Ohm
Nominal capacitance	63 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 - +200 °C
Cable weight (approx.)	15 kg/km



FEP sheath  
PTFE dielectric  
Silvered copper inner conductor  
Silvered copper outer conductor



### Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
100	28	8.5
200	39	11.9
400	56	17.1
900	85	25.9
1200	98	29.9
1500	110	33.5
1800	121	36.9
2000	128	39.0
2500	144	43.9