

Mininature Coaxial Cables

RG174 Mini-Coax

Construction

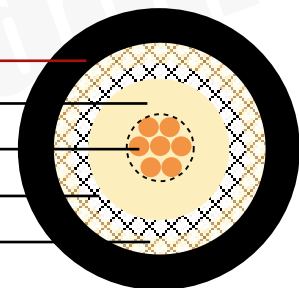
Inner conductor	Copper clad steel(CCS)	7 x 0.16 mm
Dielectric	Solid PE	Φ1.52 mm
Outer conductor (shield 1)	Silver plated copper	0.1mm
Outer conductor (shield 2)	Silver plated copper	0.1mm
Sheath	PVC	Φ2.80 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	101 pF/m
Velocity of propagation	66%
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Operating temperature range	-40°C - +85 °C
Cable weight (approx.)	12 kg/km



PVC sheath
 Solid PE dielectric
 Copper covered steel inner conductor
 Silvered copper outer conductor1
 Silvered copper outer conductor2



Attenuation

Frequency (MHz)	Attenuation (dB/100 m)	Max. Attenuation(dB/100ft)
100	28	8.5
200	40	12.2
400	58	17.7
900	90	27.4
1200	106	32.3
1500	119	36.3
1800	130	39.6
2000	138	42.1
2500	155	47.2