

Mininature Coaxial Cables

RGD178 Mini-Coax

Construction

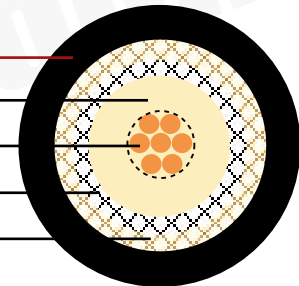
Inner conductor	Silver plated copper	7 x 0.10 mm
Dielectric	Solid PTFE	Φ0.84 mm
Outer conductor (shield 1)	Silver plated copper	0.10 mm
Outer conductor (shield 2)	Silver plated copper	0.10 mm
Sheath	FEP	Φ2.25 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	94 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.)	14 kg/km



FEP sheath
 Solid PTFE dielectric
 Silvered 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	46	14.0
200	65	19.8
400	93	28.3
900	140	42.7
1200	162	49.4
1500	182	55.5
1800	200	61.0
2000	211	64.3
2500	236	71.9