

Mininature Coaxial Cables

RG316 Mini-Coax

Construction

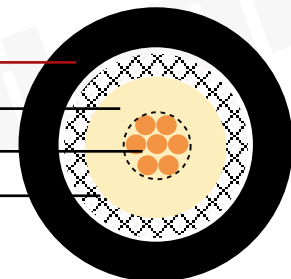
Inner conductor	Silver plated copper	7 x 0.18 mm
Dielectric	Solid PTFE	Φ1.56 mm
Outer conductor	Silver plated copper	0.10 mm
Sheath	FEP	Φ2.45 mm

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.)	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	27	8.2
200	38	11.6
400	54	16.5
900	82	25.0
1200	95	29.0
1500	106	32.3
1800	117	35.7
2000	124	37.8
2500	139	42.4