

Mininature Coaxial Cables

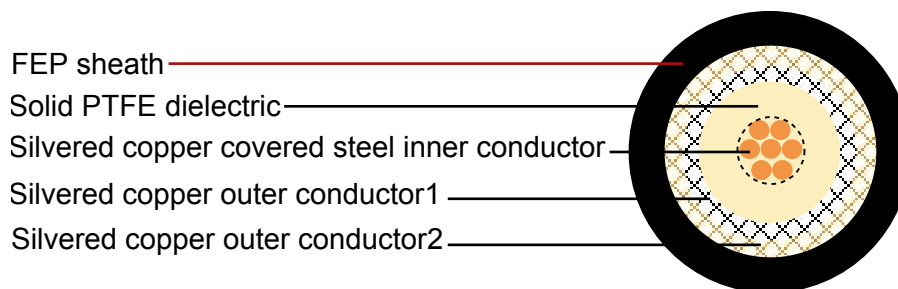
RG316D Mini-Coax

Construction

Inner conductor	Silver plated copper	7 x 0.18 mm
Dielectric	Solid PTFE	Φ1.56 mm
Outer conductor 1	Silver plated copper	0.10 mm
Shield coverage		95%
Outer conductor 2	Silver plated copper	0.10 mm
Shield coverage		93%
Sheath	FEP	Φ2.94 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



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