

Semi-flexible Coaxial Cables

SF047-FEP

Construction

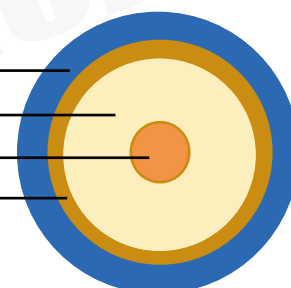
Inner conductor	Silver plated copper clad steel	Φ0.31 mm
Dielectric	Solid PTFE	Φ0.94 ± 0.10 mm
Outer conductor	Tinned copper	Φ1.19 ± 0.10mm
Shield coverage		100%
Sheath	FEP	Φ1.60 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	95 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Max.operating voltage	1.5KV
Operating temperature range	-65°C - +165 °C
Min.bending radius	4 mm



FEP sheath
 Solid PTFE dielectric
 Silvered copper clad steel inner conductor
 Copper-tin composite tube



Attenuation

Frequency(GHz)	Max. Attenuation(dB/100m)	Max. Attenuation(dB/100ft)
0.5	81	24.7
1	116	35.4
5	269	82.0
10	392	119.5
20	577	175.9