

Semi-flexible Coaxial Cables

SF141-FEP

Construction

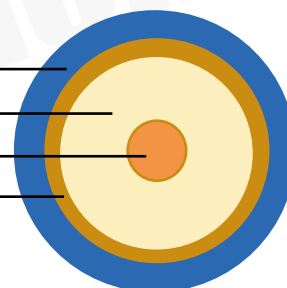
Inner conductor	Silver plated copper clad steel	Φ0.94 mm
Dielectric	Solid PTFE	Φ2.95 ± 0.10 mm
Outer conductor	Tinned copper	Φ3.58 ± 0.10 mm
Shield coverage		100%
Sheath	FEP	Φ4.10 mm

Electrical & Mechanical Characteristics

Impedance	50±3 Ohm
Nominal capacitance	92 pF/m
Velocity of propagation	-
Insulation resistance	- Mohm.Km
Inner conductor resistance	- Ohm/Km
Outer conductor resistance	- Ohm/Km
Max.operating voltage	1.9KV
Operating temperature range	-65°C - +165 °C
Min.bending radius	8 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	27	8.3
1	39	11.9
5	99	30.2
10	152	46.3
20	239	72.8