

Semi-flexible Coaxial Cables

SF086-FEP

Construction

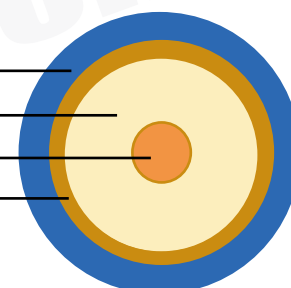
Inner conductor	Silver plated copper clad steel	Φ0.53 mm
Dielectric	Solid PTFE	Φ1.65 ± 0.10 mm
Outer conductor	Tinned copper	Φ2.10 ± 0.10 mm
Shield coverage		100%
Sheath	FEP	Φ2.50 mm

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	6 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	46	14.0
1	67	20.4
5	160	48.8
10	239	72.8
20	361	110.0