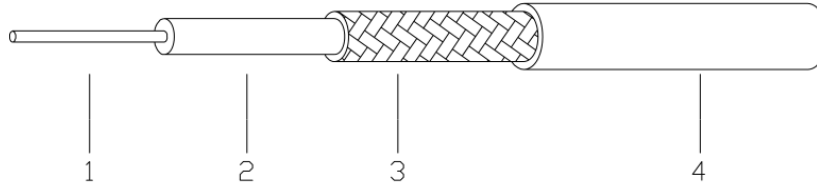


HF086 FEP Cable



Construction Specification

Structure	Diameter(mm)	Materials
1.Inner Conductor	0.51	Silver Plated Copper Clad Steel
2.Dielectric	1.66	PTFE
3. Outer Conductor	2.10	Tin Soaked Copper Braid
4. Jacket	2.50	FEP

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	69.5%
Capacitance (PF/m)	95
Min Bent Radius (mm)	6mm
Min Bending Radius Repeated(mm)	20
Time Delay	4.7nS/m
Max. Operating Voltage	1.5kVrms
Min. Screening Effectiveness up to 18GHz(dB)	100
Operating Frequency	61GHz
Operating Temperature	-55 to 125℃

Attenuation (+20℃ Ambient) & Power Handling (+40℃ Ambient, Sea level)

Frequency (GHz)	Attenuation (dB/100m)	Power (KW)
0.5	45.00	173.500
1.0	64.00	121.500
5.0	151.00	52.200
10.0	222.00	35.800
20.0	329.00	24.300