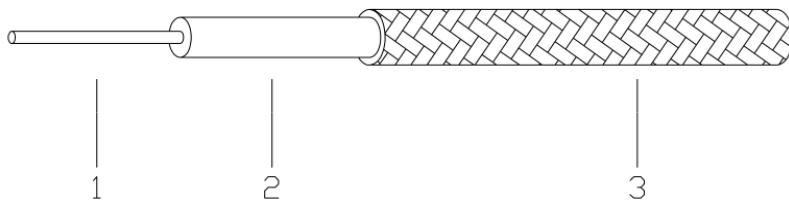


HF047 Cable



Construction Specification

Structure	Diameter(mm)	Materials
1.Inner Conductor	0.29	Silver Plated Copper Clad Steel
2.Dielectric	0.94	PTFE
3. Outer Conduct	1.19	Tin Soaked Copper Braid

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	69.5%
Capacitance (PF/m)	95
Min Bent Radius (mm)	4mm
Min Bending Radius Repeated(mm)	20
Time Delay	4.7nS/m
Max. Operating Voltage	1.5kVrms
Min. Screening Effectiveness up to 18GHz(dB)	100
Moding Frequency	109GHz
Operating Temperature	-55 to 125°C

Attenuation (+20°C Ambient) & Power Handing (+40°C Ambient, Sea level)

Frequency (GHz)	Attenuation (dB/100m)	Power (KW)
0.5	79.00	62.200
1.0	112.00	43.700
5.0	258.00	19.100
10.0	373.00	13.300
20.0	544.00	9.200