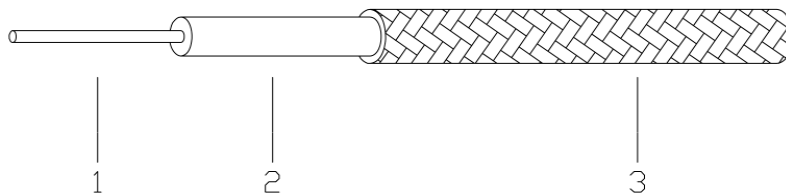


HF141 Cable



Construction Specification

structure	Diameter(mm)	Materials
1.Inner Conductor	0.94	Silver Plated Copper Clad Steel
2.Dielectric	3.00	PTFE
3. Outer Conduct	3.52	Tin Soaked Copper Braid

Electrical Characteristics

Impedance	50Ohm
Velocity(%)	70%
Capacitance (PF/m)	95.1
Min Bent Radius (mm)	8mm
Min Bending Radius Repeated(mm)	40
Time Delay	4.7nS/m
Max. Operating Voltage	1.9kVrms
Min. Screening Effectiveness up to 18GHz(dB)	100
Operating Frequency	34GHz
Operating Temperature	-55 to 125°C

Attenuation (+25°C Ambient) & Power Handling (+40°C Ambient, Sea level, VSWR 1:1)

Frequency (GHz)	Attenuation (dB/100m)	Power (KW)
0.5	26.00	436.500
1.0	39.00	303.400
5.0	92.00	126.700
10.0	138.00	85.500
20.0	210.00	56.600