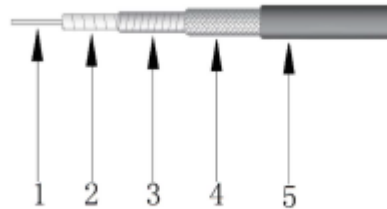


Model: LF-S-500, Coaxial Cable

CABLE SPECIFICATIONS:



- 1—Center Conductor—SPC
- 2—Dielectric—PTFE
- 3—Inner Shield—SPC
- 4—Outer Shield—SPC
- 5—Jacket—FEP

MECHANICAL SPECIFICATIONS	
Center Conductor (mm)	1.45
Dielectric (mm)	4
Inner Shield (mm)	4.2
Outer Shield (mm)	4.7
Jacket (mm)	5.1

ELECTRICAL SPECIFICATIONS	
Impedance Ω	50
Velocity of Propagation (%)	83
Shielding Effectiveness (dB)	<-90
Time Delay (ns/m)	4.01
Capacitance (pF/m)	79.5
Cut-off Frequency (GHz)	29
Voltage Withstand (V.DC)	1100
Static Bending Radius (mm)	26
Dynamic Bending Radius (mm)	51
Operating Temperature (°C)	-55 - +125

Attenuation (+25°C Ambient) & Power Handling (+40°C Ambient; Sea level; VSWR 1:1)		
Frequency (MHz)	dB/100m	KW
500	16.17	1.243
1000	22.96	0.875
2000	32.66	0.615
4000	46.58	0.431
6000	57.40	0.350
8000	66.66	0.268
12000	82.34	0.244
16000	95.78	0.210
18000	101.92	0.197
20000	107.77	0.186
26500	125.20	0.161
K1	0.715987	
K2	0.000328	