

Flexible Cable Assemblies, 26.5 GHz (replacing semi-rigid cable)

Model: LF-CA-2.92M-1M / LF-CA-2.92M-2M

CONSTRUCTION:

Item	Dimension(mm)	Material
Center conductor	0.51	silver-plated copper
Dielectric	1.63	PTFE
Inner shield	1.83	silver-plated copper shield
Outer shield	2.18	silver-plated copper braid
Jacket	2.80	MFA



ELECTRICAL SPECIFICATIONS:

Frequency (GHz)	26.5
cutoff Frequency (GHz)	62
Impedance (Ohms)	50
Velocity	70%
Shielding effectiveness (dB)	90
Operation Voltage(V,DC)	500
Mechanical Phase (°)	2°@6GHz/ 6°@18GHz
(360 degree wrap around repeat bend radius)	

MECHANICAL SPECIFICATIONS:

Bend Radius, static (mm)	14
Bend Radius, dynamic (mm)	28
Weight g/M)	22
Operation temperature (°C)	-55~+125

ATTENUATION AND POWER HANDLING (@+25°C & sea level)

Frequency MHz	dB/100m	Ave Power
500	48.19	0.171
1000	69.30	0.119
2400	110.71	0.074
3000	125.02	0.055
6000	183.73	0.038
10000	246.06	0.033
12400	278.98	0.030
18000	348.17	0.020
26500	440.80	0.019