

CFP1200

Flexible, Low-Loss, Resistance to High Power,
Phase & Amplitude Stable Coaxial Cable



Structure & Dimension														
	Structure	Dimension (mm)	Material											
1	Inner Conductor	3.50	Silver Plated Copper											
2	Insulating	9.90	LD-PTFE											
3	Outer Conductor	10.17	Silver Plated Copper Ribbon											
4	Sandwich Layer	10.30	Aluminum Foil (High temperature)											
5	Shielding	11.02	Silver Plated Copper											
6	Jacket	12.00	FEP											
Specification														
1	Operating Frequency (GHz)	8												
2	Impedance (Ohms)	50												
3	Phase Stability	$\leq \pm 2^\circ$ @ 8 GHz												
4	Phase Stability (Temperature)	< 1400 PPM @ -55°C ~ +85°C												
5	Amplitude Stability	$\leq \pm 0.1$ dB @ 8 GHz												
6	Velocity of Propagation	76%												
7	Voltage Withstand (V,DC)	3000												
8	Shielding Effectiveness (dB)	> 100												
9	Weight (g/m)	310												
10	Single Bend Radius (mm)	60.00												
11	Repeated Bend Radius (mm)	120.00												
12	Temperature Range (°C)	-55 ~ +200												
Attenuation VS. Frequency														
Frequency (MHz)	1000	2000	3000	4000	5000	6000	7000	8000						
Attenuation (dB/m)	0.130	0.187	0.233	0.272	0.307	0.339	0.370	0.398						
Average Power (KW)	2.590	1.797	1.446	1.238	1.096	0.991	0.910	0.844						