

Cavity Band Pass Filter

Preliminary Specifications

Serial	Parameters	
1	Center Frequency (F0)	9.8GHz
2	Pass Band Bandwidth	210MHz (9.695~9.905GHz)
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return loss	≥20dB
6	Stop Band Rejection	≥47dB @ 9.5GHz ≥45dB @ 10.1GHz ≥62dB @ 9.4GHz ≥60dB @ 10.2GHz ≥72dB @ DC-9.3GHz ≥70dB @ 10.3-18GHz
7	Impedance	50 ohms
8	Power Handling	≤20W
9	Connectors	SMA-Female
10	Surface Finish	The Original Silver Color
11	Operating Temperature	-54°C ~ +90°C
12	Storage Temperature	-55°C ~ +85°C
13	Net Weight	TBD
14	Configuration	As Below (Tolerance: 0.3mm)

