

## Dual Cavity Band Pass Filter

### Preliminary Specifications

S/N	Item	Parameters	
		Fr1	Fr2
1	Center Frequency(F0)	413MHz	423MHz
2	Pass Band Frequency	412.5 ~ 413.5MHz	422.5 ~ 423.5MHz
3	Pass Band Insertion Loss	≤3.0dB	≤3.0dB
4	Pass Band Ripple	≤0.5dB	≤0.5dB
5	Pass Band VSWR	≤1.22:1	≤1.22:1
6	Stop Band Attenuation	≥60dB @ F0±9.5MHz (DC ~ 403.5MHz , 422.5 ~ 1000MHz)	≥60dB @ F0±9.5MHz (DC ~ 413.5MHz , 432.5 ~ 1000MHz)
7	Impedance	50 Ohms	
8	Power Handling	20W Max.	
9	Connectors	N-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	0°C ~ +50°C	
12	Net weight	TBD	
13	Dimensions	181*93*67mm (Tolerance: ±0.7mm)	

