

Cavity Duplexer

Preliminary Specifications

S/N	Item	Parameters	
		TX	RX
1	Center Frequency(F0)	933.575MHz	942.575MHz
2	Pass Band Bandwidth	2.0MHz	2.0MHz
3	Pass Band Insertion Loss	≤2.5dB	≤2.5dB
4	Pass Band Ripple	≤0.5dB	≤0.5dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Stop Band Attenuation	≥80dB @ F0±9.0MHz (DC ~ F0-9.0MHz , F0+9.0MHz ~ 2000MHz)	≥80dB @ F0±9.0MHz (DC ~ F0-9.0MHz , F0+9.0MHz ~ 2000MHz)
7	Impedance	50 Ohms	
8	Power	20W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Port Sign	Port 1: ANT ; Port 2: TX ; Port 3: RX	
12	Temperature Range	-20°C ~ +60°C	
13	Dimensions	141*141*31mm (Tolerance: ±0.7mm)	
14	Net weight	TBD	

