

## Cavity Duplexer

### Preliminary Specifications

Serial	Parameters	RX	TX
1	Center Frequency (F0)	725.5MHz	780.5MHz
2	Pass Band Frequency	703~748MHz	758~803MHz
3	Pass Band Insertion Loss	≤1.7dB	≤1.7dB
4	Pass Band Ripple	≤1.2dB	≤1.2dB
5	Pass Band VSWR	≤1.4:1	≤1.4:1
6	Stop Band Attenuation	≥60dB @ 758~803MHz	≥60dB @ 703~748MHz
7	Impedance	50 ohms	
8	Power Handling	≤10W	
9	Connectors	SMA-Female	
10	Operating Temperature	-40°C ~ +70°C	
11	Surface Finish	Black Paint	
12	Port Sign	Port1:ANT ; Port2:RX ; Port3:TX	
13	Net weight	TBD	
14	Configuration	As Below (Size Unit: mm)	

