

Cavity Diplexer

Preliminary Specifications

S/N	Item	Parameters	
		Low	High
1	Center Frequency(F0)	1232MHz	1586.5MHz
2	Pass Band Frequency	1164 ~ 1300MHz	1563 ~ 1610MHz
3	Pass Band Insertion Loss	≤1.5dB	≤2.0dB
4	Pass Band Ripple	≤0.7dB	≤0.5dB
5	Pass Band Return Loss	≥18dB	
6	Stop Band Rejection	≥100dB @ DC ~ 1000MHz; 1770 ~ 2000MHz	
7	Isolation	≥60dB @ 1164 ~ 1300MHz ; 1563 ~ 1610MHz	
8	Impedance	50 Ohms	
9	Power	10WCW	
10	Connectors	SMA-Female	
11	Surface Finish	Painted Black	
12	Port Sign	Port 1: ANT ; Port 2: Low ; Port 3: High	
13	Temperature Range	-30°C ~ +70°C	
14	Dimensions	200*62*36mm (Tolerance: ±0.7mm)	
15	Net weight	TBD	

