

Cavity Diplexer

Preliminary Specifications

Serial	Parameters	RX	TX
1	Center Frequency (F0)	1777.5MHz	1872.5MHz
2	Pass Band Frequency	1770 ~ 1785MHz	1865 ~ 1880MHz
3	Pass Band Insertion Loss	2.0dB	2.0dB
4	Pass Band VSWR	1.3:1	1.3:1
5	Stop Band Rejection	30dB @ F0 ± 62.5MHz (DC ~ 1715MHz, 1840 ~ 4000MHz)	30dB @ F0 ± 62.5MHz (DC ~ 1810MHz, 1935 ~ 4000MHz)
6	Isolation	30dB @ 1770 ~ 1785MHz, 1865 ~ 1880MHz	
7	Impedance	50 ohms	
8	Power	5W	
9	Surface Finish	Black Paint	
10	Connectors	SMA-Female	
11	Configuration	As Below (Size Unit: mm)	

