

## WT-B0253-02

### Cavity Duplexer

### Specifications

Serial	Parameters	PORT 2 : <sup>19</sup> F	PORT 3 : <sup>1</sup> H
1	Center Frequency (F0)	564.5MHz	600MHz
2	Pass Band Frequency	562.5~566.5MHz	598~602MHz
3	Pass Band Insertion Loss	0.8dB (Max.)	0.8dB (Max.)
4	Pass Band Return Loss	All ports -20dB (Max.)	All ports -20dB (Max.)
5	Stop Band Attenuation (S12&S13)	-50dB (Max.) @ 582MHz -80dB (Max.) @ 598~602MHz -50dB (Max.) @ DC~544MHz -50dB (Max.) @ 620~1200MHz	-50dB (Max.) @ 582MHz -80dB (Max.) @ 562.5~566.5MHz -50dB (Max.) @ DC~544MHz -50dB (Max.) @ 620~1200MHz
6	Isolation (S23)	-100dB (Max.) @ 582MHz -84dB (Max.) @ 562.5~566.5MHz、598~602MHz -50dB (Max.) @ DC~544MHz -50dB (Max.) @ 620~1200MHz	
7	Impedance	50Ω (nominal)	
8	Power Handling	Average 20W (Max.) ; Peak 300W , 1ms (Max.)	
9	Connectors	N-Female	
10	Operating Temperature	+10°C ~+30°C	
11	Surface Finish	Black Paint	
12	Port Sign	Port1: PROBE ; Port2: <sup>19</sup> F ; Port3: <sup>1</sup> H	
13	Net weight	1.44 KG	
14	Notes	ROHS Compliant 、 Non-Magnetic Material	
15	Configuration	As Below (Size Unit: mm)	

