

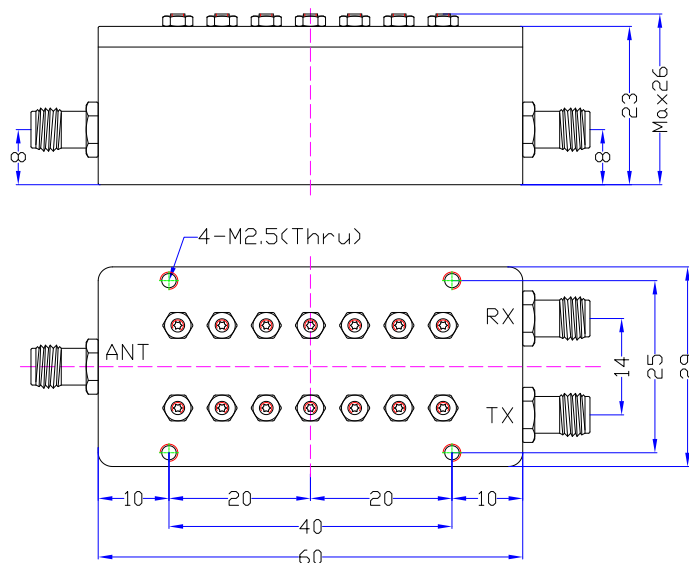
WT-B0549-02

Cavity Diplexer

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	2332MHz	2492MHz
2	Pass Band Bandwidth	10MHz (2327 ~ 2337MHz) **	10MHz (2487 ~ 2497MHz) **
3	Pass Band Insertion Loss	≤2.2dB	≤2.2dB
4	Pass Band Ripple	≤0.5dB	≤0.5dB
5	Pass Band Return Loss	≥18dB	≥18dB
6	Stop Band Rejection	≥80dB @ 2487 ~ 2497MHz	≥80dB @ 2327 ~ 2337MHz
7	Isolation	≥80dB @ 2327 ~ 2337MHz , 2487 ~ 2497MHz	
8	Impedance	50 Ohms	
9	Power	10W Max.	
10	Connectors	SMA-Female	
11	Surface Finish	Painted Black	
12	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
13	Temperature Range	0°C ~ +50°C	
14	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
15	Dimensions	60*29*23mm	
16	Net weight	0.089 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)



** The actual design bandwidth will be greater than the Pass Band Bandwidth, and there is no bandwidth limit.