

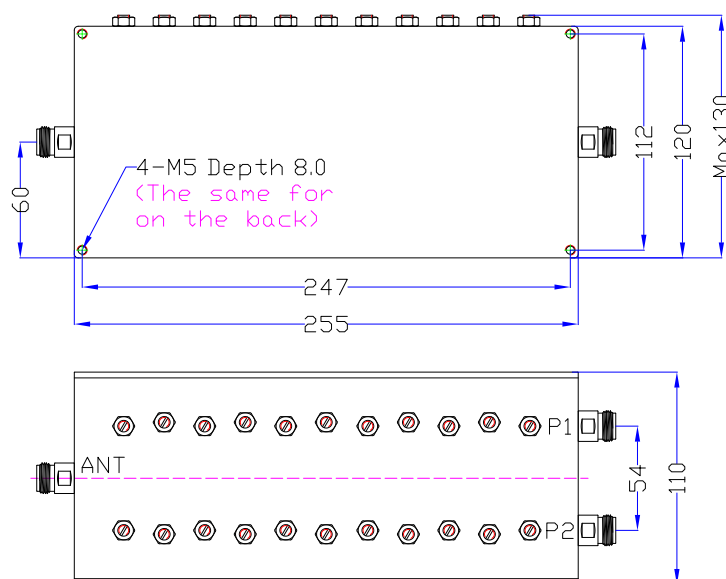
WT-B0550-02

Cavity Diplexer

Technical Data Sheet

S/N	Item	Parameters	
		P1	P2
1	Center Frequency(F0)	275MHz	325MHz
2	Pass Band Bandwidth	10MHz (270 ~ 280MHz) **	10MHz (320 ~ 330MHz) **
3	Pass Band Insertion Loss	≤1.0dB	≤1.0dB
4	Pass Band Ripple	≤0.4dB	≤0.4dB
5	Pass Band Return Loss	≥18dB	≥18dB
6	Stop Band Rejection	≥80dB @ 320 ~ 330MHz	≥80dB @ 270 ~ 280MHz
7	Isolation	≥80dB @ 270 ~ 280MHz , 320 ~ 330MHz	
8	Impedance	50 Ohms	
9	Power	100W CW	
10	Connectors	N-Female	
11	Surface Finish	Painted Black	
12	Port Sign	Port 1: ANT ; Port 2: P1 ; Port 3: P2	
13	Temperature Range	-30°C ~ +70°C	
14	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
15	Dimensions	255*120*110mm	
16	Net weight	3.05 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.7mm)



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