

WT-B0534-02

Cavity Diplexer

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	819MHz	864MHz
2	Pass Band Frequency	814 ~ 824MHz	859 ~ 869MHz
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	≥100dB @ 859 ~ 869MHz	≥100dB @ 814 ~ 824MHz
7	Isolation	≥100dB @ 814 ~ 824MHz , 859 ~ 869MHz	
8	Impedance	50 Ohms	
9	Power	Average: 20W / Peak: 100W Max.	
10	Connectors	N-Female	
11	Surface Finish	Painted Black	
12	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
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	140*107*36mm	
16	Net weight	0.845 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

