

# WT-B0494-02

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	878MHz	923MHz
2	Pass Band Frequency	876 ~ 880MHz	921 ~ 925MHz
3	Pass Band Insertion Loss	≤1.5dB	≤1.5dB
4	Pass Band Ripple	≤0.3dB	≤0.3dB
5	Pass Band Return Loss	≥18dB	≥18dB
6	Stop Band Rejection	≥40dB @ DC ~ 866MHz ≥40dB @ 890 ~ 3800MHz	≥40dB @ DC ~ 911MHz ≥40dB @ 935 ~ 3800MHz
7	Impedance	50 Ohms	
8	Power	20W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
12	Temperature Range	-30°C ~ +70°C	
13	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
14	Dimensions	141*73*36mm	
15	Net weight	0.52 KG	

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

