

# WT-B0441-02

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		P1	P2
1	Center Frequency(F0)	1950MHz	1760MHz
2	Pass Band Frequency	1930 ~ 1970MHz	1740 ~ 1780MHz
3	Pass Band Insertion Loss	≤1.2dB	≤1.2dB
4	Pass Band Ripple	≤0.4dB	≤0.4dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Stop Band Attenuation	≥50dB @ 1740 ~ 1780MHz	≥50dB @ 1930 ~ 1970MHz
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: P1 ; Port 3: P2	
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	98*46*26mm	
15	Net weight	0.235 KG	

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

