

# WT-B0413-02

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		Low	High
1	Center Frequency(F0)	4512.5MHz	4887.5MHz
2	Pass Band Frequency	4400 ~ 4625MHz	4775 ~ 5000MHz
3	Pass Band Insertion Loss	≤1.25dB	≤1.25dB
4	Pass Band Return Loss	≥18dB	≥18dB
5	Stop Band Rejection	≥70dB @ DC ~ 4100MHz	≥70dB @ DC ~ 4625MHz
		≥70dB @ 4775 ~ 10000MHz	≥70dB @ 5300 ~ 10000MHz
6	Impedance	50 Ohms	
7	Power	30W Max.	
8	Connectors	SMA-Female	
9	Surface Finish	Painted Black	
10	Port Sign	Port 1: ANT ; Port 2: Low ; Port 3: High	
11	Temperature Range	-30℃ ~ +70℃	
12	Material	Housing: 6061 Aluminum alloy	Resonant column: H59 Copper alloy
		Cover: LY12 Aluminum alloy	Connectors: H59 Copper, Plated ternary alloy
		Tuning screw: H62 Copper alloy	Other screw: Stainless Steel
13	Dimensions	148*43*16mm	
14	Net weight	0.205 KG	

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

