

# WT-B0211-02

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	1762.5MHz	1857.5MHz
2	Pass Band Frequency	1745 ~ 1780MHz	1840 ~ 1875MHz
3	Pass Band Insertion Loss	≤1.5dB	≤1.5dB
4	Pass Band Ripple	≤1.0dB	≤1.0dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Stop Band Rejection	≥10dB @ Fc±10MHz (1735MHz、1790MHz) ≥60dB @ Fc±60MHz (1685MHz、1840MHz) ≥80dB @ Fc±95MHz (1650MHz、1875MHz)	≥10dB @ Fc±10MHz (1830MHz、1885MHz) ≥60dB @ Fc±60MHz (1780MHz、1935MHz) ≥80dB @ Fc±95MHz (1745MHz、1970MHz)
7	Impedance	50 Ohms	
8	Power	30W 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	-20°C ~ +60°C	
13	Material	Housing: 6061 Aluminum alloy Cover: 6061 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
14	Dimensions	128*128*26mm	
15	Net weight	0.575 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±1.0mm)

