

# WT-B0535-02

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	1295MHz	1940MHz
2	Pass Band Frequency	1250 ~ 1340MHz	1880 ~ 2000MHz
3	Pass Band Insertion Loss	≤0.8dB	≤0.8dB
4	Pass Band Ripple	≤0.3dB	≤0.3dB
5	Pass Band Return Loss	≥18dB	≥18dB
6	Stop Band Rejection	≥70dB @ 1880 ~ 2000MHz	≥70dB @ 1250 ~ 1340MHz
7	Isolation	≥70dB @ 1250 ~ 2000MHz	
8	Impedance	50 Ohms	
9	Power	25W 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	103*56*31mm	
16	Net weight	0.36 KG	

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

