

# WT-A7582-02

## Cavity Dual Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters	
		CH1	CH2
1	Center Frequency(F0)	2442.5MHz	5785MHz
2	Pass Band Frequency	2400 ~ 2485MHz	5720 ~ 5850MHz
3	Pass Band Insertion Loss	≤1.8dB	≤1.8dB
4	Pass Band Ripple	≤0.6dB	≤0.6dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Stop Band Rejection	≥30dB @ DC ~ 2370MHz , 2530 ~ 5670MHz , 5900 ~ 7500MHz	
7	Impedance	50 Ohms	
8	Power	20W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	152*44*23mm	
14	Net weight	0.27 KG	

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

