

# WT-A9077-Q06

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1817.5MHz
2	Pass Band Bandwidth	25MHz (1805 ~ 1830MHz)
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.5dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Attenuation	≥50dB @ DC ~ 1778MHz      ≥50dB @ 1857 ~ 5000MHz
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: 6061 Aluminum alloy      Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy      Connectors: Stainless Steel Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
13	Dimensions	134*33*25mm
14	Net weight	0.17 KG

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

