

WT-A7982-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	5835MHz
2	Pass Band Bandwidth	27MHz (5821.5 ~ 5848.5MHz)
3	Pass Band Insertion Loss	≤3.0dB @ 5835MHz ≤3.7dB @ 5821.5 ~ 5848.5MHz
4	Pass Band Ripple	≤0.8dB
5	Pass Band Return Loss	≥15dB (Typical: ≥20dB)
6	Stop Band Rejection	≥40dB @ DC ~ 5790MHz ≥40dB @ 5880 ~ 10000MHz
7	Impedance	50 Ohms
8	Power	50W CW
9	Connectors	N-Male / N-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Waterproof	IP67
13	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
14	Dimensions	154*75*32mm
15	Net weight	TBD

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

