

WT-A9846-Q05

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	Any frequency point in the range of 2000 to 2400MHz. <i>(Note: Factory debugging frequency is 2400MHz, then exposed tuning screws.)</i>
2	Pass Band Bandwidth	40MHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.4dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥50dB @ F0±120MHz (DC ~ F0-120MHz , F0+120MHz ~ 7000MHz)
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	N-Female
10	Surface Finish	The Original Silver Color
11	Temperature Range	-10°C ~ +60°C
12	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
13	Dimensions	110*26*21mm
14	Net weight	0.173 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

Note: exposed tuning screws, no epoxy glue and the factory is not locked.

