

WT-A9349-Q05

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	Any frequency point in the range of 1980 to 2150MHz. <i>(Note: Factory debugging frequency is 2150MHz, then exposed tuning screws.)</i>
2	Pass Band Bandwidth	80MHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.3dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥50dB @ F0±210MHz (DC ~ F0-210MHz , F0+210MHz ~ 8500MHz)
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Guide Oxygen (Aluminum white)
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	110*26*21mm
14	Net weight	0.128 KG

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

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

