

WT-A9940-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1413.5MHz
2	Pass Band Frequency	1400 ~ 1427MHz **
3	Pass Band Insertion Loss	≤1.5dB
4	Pass Band Ripple	≤0.6dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥50dB @ DC ~ 1375MHz ≥50dB @ 1452 ~ 3500MHz
7	Impedance	50 Ohms
8	Power Handling	200W Max.
9	Connectors	N-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: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel
13	Dimensions	180*46*25mm
14	Net weight	0.374 KG

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



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.