

WT-A10741-Q09

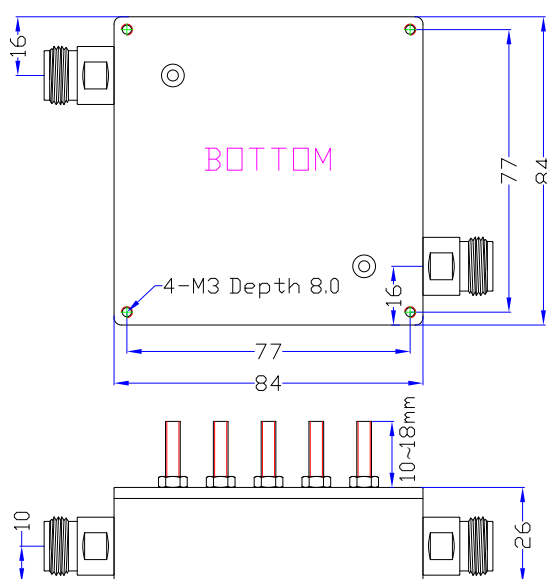
Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	Any frequency point in the range of 1880 to 2400MHz. (Note: Factory debugging frequency is 2400MHz, then exposed tuning screws.)
2	Pass Band Bandwidth	50MHz **
3	Pass Band Insertion Loss	≤2.0dB
4	Pass Band Ripple	≤1.0dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥50dB @ F0±53MHz (DC ~ F0-53MHz , F0+53MHz ~ 5000MHz)
7	Impedance	50 Ohms
8	Power Handling	20W Max.
9	Connectors	N-Female
10	Surface Finish	The Original Silver Color
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	84*84*26mm
14	Net weight	0.35 KG

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

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



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