

WT-A7082-Q14

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters (Note: Each frequency is an independent product)	
1	Center Frequency(F0)	9454.5MHz	9395.5MHz
2	Pass Band Bandwidth	47MHz (9431 ~ 9478MHz)	47MHz (9372 ~ 9419MHz)
3	Pass Band Insertion Loss	$\leq 3.5\text{dB @ F0}$ $\leq 6.5\text{dB @ 47MHz Pass Band Bandwidth}$	
4	Pass Band Ripple	$\leq 4.0\text{dB}$	
5	Pass Band VSWR	$\leq 1.3:1$	
6	Stop Band Attenuation	$\geq 20\text{dB @ F0} \pm 28.25\text{MHz}$ DC ~ 9426.25MHz 9482.75 ~ 15000MHz	$\geq 20\text{dB @ F0} \pm 28.25\text{MHz}$ DC ~ 9367.25MHz 9423.75 ~ 15000MHz
7	Impedance	50 Ohms	
8	Power Handling	5W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	+10°C ~ +40°C	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
13	Dimensions	174*54*18mm	
14	Net weight	0.77 KG	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.5\text{mm}$)

