

WT-A7149-S15

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	49.375GHz	
2	Pass Band Frequency	43.7 ~ 55.05GHz	
3	Pass Band Insertion Loss	≤1.5dB	
4	Pass Band Ripple	≤0.5dB	
5	Pass Band Return Loss	≥16dB	
6	Stop Band Rejection	≥80dB @ DC ~ 41GHz	≥50dB @ 57.75 ~ 58.7GHz ≥60dB @ 58.7 ~ 62GHz ≥80dB @ 62 ~ 67GHz
7	Impedance	50 Ohms	
8	Power Handling	5W Max.	
9	Connectors	1.85mm-Male / 1.85mm-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-30°C ~ +70°C	
12	Material	Housing: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Connectors: Stainless Steel Other screw: Stainless Steel
13	Dimensions	50*16*7.7mm	
14	Net weight	0.049 KG	

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

