

WT-A9809-Q13

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	27GHz	
2	Pass Band Frequency	25.5 ~ 28.5GHz	
3	Pass Band Insertion Loss	≤1.0dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 23.7GHz ≥60dB @ 23.7 ~ 24.1GHz	≥50dB @ 29.9 ~ 30.3GHz ≥70dB @ 30.3 ~ 31GHz ≥80dB @ 31 ~ 46GHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	2.92mm(K)-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	60*16*8.5mm	
14	Net weight	0.062 KG	

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

