

WT-A8300-Q10

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters	
1	Center Frequency(F0)	10.25GHz	
2	Pass Band Frequency	9.5 ~ 11GHz	
3	Pass Band Insertion Loss	≤0.8dB	
4	Pass Band Ripple	≤0.3dB	
5	Pass Band Return Loss	≥20dB	
6	Stop Band Rejection	≥80dB @ DC ~ 8.4GHz ≥55dB @ 8.4 ~ 8.9GHz ≥45dB @ 8.9 ~ 9.0GHz	≥45dB @ 11.5 ~ 11.65GHz ≥55dB @ 11.65 ~ 12.1GHz ≥80dB @ 12.1 ~ 23GHz
7	Impedance	50 Ohms	
8	Power Handling	5.0W Max.	
9	Connectors	SMA-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	80*16*9mm	
14	Net weight	0.076 KG	

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

