

WT-A8299-S17

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters		
1	Center Frequency(F0)	8.5GHz		
2	Pass Band Frequency	7.0 ~ 10GHz		
3	Pass Band Insertion Loss	≤0.8dB		
4	Pass Band Ripple	≤0.5dB		
5	Pass Band Return Loss	≥18dB		
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> ≥80dB @ DC ~ 5.85GHz ≥60dB @ 5.85 ~ 6.3GHz ≥40dB @ 6.3 ~ 6.5GHz </td> <td style="width: 50%; vertical-align: top;"> ≥55dB @ 10.35 ~ 10.5GHz ≥80dB @ 10.5 ~ 18.5GHz </td> </tr> </table>	≥80dB @ DC ~ 5.85GHz ≥60dB @ 5.85 ~ 6.3GHz ≥40dB @ 6.3 ~ 6.5GHz	≥55dB @ 10.35 ~ 10.5GHz ≥80dB @ 10.5 ~ 18.5GHz
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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 Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy		
13	Dimensions	100*18*11mm		
14	Net weight	0.121 KG		

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

