

WT-A7005-S20

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters		
1	Center Frequency(F0)	31.5GHz		
2	Pass Band Frequency	26.5 ~ 36.5GHz		
3	Pass Band Insertion Loss	≤1.2dB		
4	Pass Band Ripple	≤0.6dB		
5	Pass Band Return Loss	≥17dB		
6	Stop Band Attenuation	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> ≥45dB @ DC ~ 25.7GHz ≥25dB @ 25.7 ~ 26GHz </td> <td style="width: 50%; vertical-align: top;"> ≥15dB @ 37 ~ 37.5GHz ≥40dB @ 37.5 ~ 47GHz (can guarantee) ≥40dB @ 47 ~ 50GHz (can't guarantee) </td> </tr> </table>	≥45dB @ DC ~ 25.7GHz ≥25dB @ 25.7 ~ 26GHz	≥15dB @ 37 ~ 37.5GHz ≥40dB @ 37.5 ~ 47GHz (can guarantee) ≥40dB @ 47 ~ 50GHz (can't guarantee)
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7	Impedance	50 Ohms		
8	Power	5W 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 Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy		
13	Dimensions	70*16*8.8mm		
14	Net weight	0.072 KG		

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

