

WT-A7691-S12

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	11.725GHz						
2	Pass Band Frequency	10.7 ~ 12.75GHz						
3	Pass Band Insertion Loss	≤0.7dB						
4	Pass Band Ripple	≤0.25dB						
5	Pass Band Return Loss	≥20dB						
6	Stop Band Rejection	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥80dB @ DC ~ 9.5GHz</td> <td style="width: 50%;">≥45dB @ 13.36 ~ 14GHz</td> </tr> <tr> <td>≥50dB @ 9.5 ~ 10.09GHz</td> <td>≥80dB @ 14 ~ 25GHz</td> </tr> </table>	≥80dB @ DC ~ 9.5GHz	≥45dB @ 13.36 ~ 14GHz	≥50dB @ 9.5 ~ 10.09GHz	≥80dB @ 14 ~ 25GHz		
≥80dB @ DC ~ 9.5GHz	≥45dB @ 13.36 ~ 14GHz							
≥50dB @ 9.5 ~ 10.09GHz	≥80dB @ 14 ~ 25GHz							
7	Impedance	50 Ohms						
8	Power	5W Max.						
9	Connectors	SMA-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: H62 Copper alloy</td> <td style="width: 50%;">Connectors: Stainless Steel</td> </tr> <tr> <td>Cover: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> <tr> <td colspan="2">Tuning screw: H62 Copper alloy</td> </tr> </table>	Housing: H62 Copper alloy	Connectors: Stainless Steel	Cover: H62 Copper alloy	Other screw: Stainless Steel	Tuning screw: H62 Copper alloy	
Housing: H62 Copper alloy	Connectors: Stainless Steel							
Cover: H62 Copper alloy	Other screw: Stainless Steel							
Tuning screw: H62 Copper alloy								
13	Dimensions	90*16*9mm						
14	Net weight	0.085 KG						

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

