

WT-A8432-Q08

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters						
1	Center Frequency(F0)	5787.5MHz						
2	Pass Band Bandwidth	127MHz (5724 ~ 5851MHz)						
3	Pass Band Insertion Loss	≤1.5dB						
4	Pass Band Ripple	≤0.5dB						
5	Pass Band Return Loss	≥18dB [Typical: ≥20dB]						
6	Stop Band Attenuation	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">≥42dB @ DC ~ 5655MHz</td> <td style="width: 50%;">≥40dB @ 5914 ~ 5920MHz</td> </tr> <tr> <td>≥25dB @ 5655 ~ 5680MHz</td> <td>≥42dB @ 5920 ~ 10000MHz</td> </tr> </table>	≥42dB @ DC ~ 5655MHz	≥40dB @ 5914 ~ 5920MHz	≥25dB @ 5655 ~ 5680MHz	≥42dB @ 5920 ~ 10000MHz		
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7	Impedance	50 Ohms						
8	Power	10W Max.						
9	Connectors	N-Female						
10	Surface Finish	Painted Black						
11	Temperature Range	-30°C ~ +70°C						
12	Waterproof	IP67						
13	Material	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Housing: 6061 Aluminum alloy</td> <td style="width: 50%;">Resonant column: H59 Copper alloy</td> </tr> <tr> <td>Cover: LY12 Aluminum alloy</td> <td>Connectors: H59 Copper, Plated ternary alloy</td> </tr> <tr> <td>Tuning screw: H62 Copper alloy</td> <td>Other screw: Stainless Steel</td> </tr> </table>	Housing: 6061 Aluminum alloy	Resonant column: H59 Copper alloy	Cover: LY12 Aluminum alloy	Connectors: H59 Copper, Plated ternary alloy	Tuning screw: H62 Copper alloy	Other screw: Stainless Steel
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Cover: LY12 Aluminum alloy	Connectors: H59 Copper, Plated ternary alloy							
Tuning screw: H62 Copper alloy	Other screw: Stainless Steel							
14	Dimensions	156*88*35mm						
15	Net weight	0.934 KG						

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

