

- **Model:** HXLBQ-DTA655
- **Product Name:** Cavity Dual Pass Band Filter
- **Frequency:** 2500~2600MHz 5700~5800MHz

- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2550MHz	5750MHz
● Pass Band Frequency	2500 ~ 2600MHz	5700 ~ 5800MHz
● Pass Band Insertion Loss	≤2.0dB	≤2.0dB
● Pass Band Ripple	≤1.0dB	≤1.0dB
● Pass Band Return Loss	≥18dB	≥18dB
● Stop Band Rejection	≥40dB @ DC ~ 2450MHz , 2700 ~ 5600MHz , 5900 ~ 6200MHz	
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● Net weight	TBD	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

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| ● Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Other screw: Stainless Steel |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 152*48*30mm |

