

- **Model:** HXLBQ-DTA660
- **Product Name:** Cavity Dual Pass Band Filter
- **Frequency:** 5000~5150MHz 5350~5500MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	5075MHz	5425MHz
● Pass Band Frequency	5000 ~ 5150MHz	5350 ~ 5500MHz
● Pass Band Insertion Loss	≤2.0dB	≤2.0dB
● Pass Band Ripple	≤1.3dB	≤1.3dB
● Pass Band Return Loss	≥18dB	≥18dB
● Stop Band Rejection	≥20dB @ DC ~ 4980MHz , 5170 ~ 5330MHz , 5520 ~ 8000MHz	
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	+15°C ~ +35°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)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 150*102*21mm

