

- **Model:** HXLBQ-DTA677
- **Product Name:** Cavity Dual Pass Band Filter
- **Frequency:** 5320~5470MHz 5725~5875MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	5395MHz	5800MHz
● Pass Band Frequency	5320 ~ 5470MHz	5725 ~ 5875MHz
● 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 ~ 5300MHz , 5490 ~ 5705MHz , 5895 ~ 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)

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

