

- **Model:** HXLBQ-DTA1112
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6425~6745MHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	6585MHz	
● Pass Band Frequency	6425 ~ 6745MHz	
● Pass Band Insertion Loss	≤4.0dB	
● Pass Band Ripple	≤3.5dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥30dB @ DC ~ 6405MHz	≥30dB @ 6765 ~ 9000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	+10°C ~ +30°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: H62 Copper alloy
- Cover: H62 Copper alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 91\*74\*13mm

