

- **Model:** HXLBQ-DTA1131
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2426~2448MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2437MHz
● Pass Band Frequency	2426 ~ 2448MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥21dB
● Stop Band Rejection	≥40dB @ DC ~ 2406MHz ≥40dB @ 2468 ~ 6000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female / SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.316Kg

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: 120*62*33mm

