

- **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	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	120*62*26mm	
● Net weight	0.316Kg	

** 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: ±0.4mm)

