

- **Model:** HXLBQ-DTA1036
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2440~2460MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	2450MHz	
● Pass Band Frequency	2440 ~ 2460MHz **	
● Pass Band Insertion Loss	≤1.4dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥40dB @ DC ~ 2410MHz	≥40dB @ 2490 ~ 5000MHz
● Impedance	50 Ohms	
● Power Handling	200W Max.	
● Connectors	N-Male / N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
● Dimensions	150*32*25mm	
● Net weight	TBD	

** 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)

