

- **Model:** HXLBQ-DTA172
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 144~150MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	147MHz	
● Pass Band Frequency	144 ~ 150MHz	
● Pass Band Insertion Loss	≤0.8dB	
● Pass Band Ripple	≤0.3dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥70dB @ 288~ 408MHz	
● Impedance	50 Ohms	
● Power	200W Max.	
● Connectors	N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy	
● Dimensions	262*210*100mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±1.0mm)

