

- **Model:** HXLBQ-DTA70N
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 920~925MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	922.5MHz	
● Pass Band Frequency	920 ~ 925MHz**	
● Pass Band Insertion Loss	≤3.0dB	
● Pass Band Ripple	≤1.5dB	
● Pass Band Return Loss	≥18dB	
● Stop Band Rejection	≥40dB @ Fc±5.0MHz (DC ~ 915MHz , 930 ~ 1500MHz)	
● Impedance	50 Ohms	
● Power	10W Max.	
● Connectors	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	94*64*36mm	
● 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: ±0.5mm)

