

- **Model:** HXLBQ-DTA1384-**(Frequency)**
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4400~4900MHz & BW=50MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	Any frequency point between 4400 to 4900MHz, factory tuned. (Note: Specify a fixed frequency for each order)
● Pass Band Bandwidth	50MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥20dB @ F0±75MHz (DC ~ F0-75MHz , F0+75MHz ~ 9000MHz)
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-10°C ~ +50°C
● Net weight	TBD

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: ±0.3mm)

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| ◆ Material | ● Housing: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 100*19*24mm |

