

- **Model:** HXLBQ-DTA272X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2500~2570MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2535MHz
● Pass Band Frequency	2500 ~ 2570MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥50dB @ DC ~ 2450MHz ≥50dB @ 2620 ~ 6000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Male / N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°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: ±0.5mm)

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| ● 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: 151*35*25mm |

