

- **Model:** HXLBQ-DTA1272
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2200~2300MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2250MHz
● Pass Band Frequency	2200 ~ 2300MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.9dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 2165MHz ≥40dB @ 2335 ~ 4500MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Male / N-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Dimensions	100*52*21mm
● Net weight	0.245 KG

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)

- ◆ **Material**
- Housing: 6061 Aluminum alloy
 - Resonant column: H59 Copper alloy
 - Cover: LY12 Aluminum alloy
 - Other screw: Stainless Steel
 - Tuning screw: H62 Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy

