

- **Model:** HXLBQ-DTA866
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2100~2200MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	2150MHz
● Pass Band Frequency	2100 ~ 2200MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.75dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 2075MHz ≥40dB @ 2225 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Male / N-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°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)

◆ **Material**

- Housing: 6061 Aluminum alloy
- Cover: LY12 Aluminum alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 84*84*33mm

