

- **Model:** HXLBQ-DTA316
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2400~2490MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

**Technical Data Sheet**

Item	Parameters
● Center Frequency(F0)	2445MHz
● Pass Band Frequency	2400 ~ 2490MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Rejection	≥50dB @ DC ~ 2380MHz      ≥50dB @ 2510 ~ 5000MHz
● Impedance	50 Ohms
● Power Handling	120W 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)

- **Material**
  - Housing: 6061 Aluminum alloy
  - Cover: LY12 Aluminum alloy
  - Tuning screw: H62 Copper alloy
  - Connectors: H59 Copper, Plated ternary alloy
  - Other screw: Stainless Steel
  - Dimensions: 107\*107\*33mm

