

- **Model:** HXLBQ-DTA446
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 4400~5000MHz
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	4700MHz
● Pass Band Frequency	4400 ~ 5000MHz
● Pass Band Insertion Loss	≤1.4dB
● Pass Band Ripple	≤0.8dB
● Pass Band VSWR	≤1.22:1
● Stop Band Rejection	≥70dB @ DC ~ 4200MHz ≥70dB @ 5200 ~ 14500MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Net weight	0.15 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: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel
 - Dimensions: 110*18*16mm

