

- **Model:** HXLBQ-DTA650X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 9300~9900MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	9600MHz
● Pass Band Frequency	9300 ~ 9900MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤1.2dB
● Pass Band Return Loss	≥23dB
● Stop Band Rejection	≥80dB @ DC ~ 9000MHz ≥30dB @ 10000 ~ 10200MHz ≥30dB @ 9000 ~ 9200MHz ≥80dB @ 10200 ~ 17000MHz
● Impedance	50 Ohms
● Power Handling	10W Max.
● Connectors	SMA-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: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Working Environment: Indoor
 - Dimensions: 100*16*12mm

