

- **Model:** HXLBQ-DTA166
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 17.975 ~ 18.025GHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	18GHz
● Pass Band Frequency	17.975 ~ 18.025GHz
● Pass Band Insertion Loss	≤2.5dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥45dB @ Fc±200MHz (DC ~ 17.775GHz , 18.225 ~ 27GHz)
● Impedance	50 Ohms
● Power Handling	5W 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: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 60*16*11mm

