

- **Model:** HXLBQ-DTA528
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 16.8~17.8GHz

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

**Technical Data Sheet**

Item	Parameters	
● Center Frequency(F0)	17.3GHz	
● Pass Band Frequency	16.8 ~ 17.8GHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 15.9GHz ≥60dB @ 15.9 ~ 16.15GHz	≥60dB @ 18.45 ~ 18.7GHz ≥80dB @ 18.7 ~ 39GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.073 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
  - Working Environment: Indoor
  - Dimensions: 70\*16\*12mm

