

- **Model:** HXLBQ-DTA519
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 16.5~18GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	17.25GHz	
● Pass Band Frequency	16.5 ~ 18GHz	
● Pass Band Insertion Loss	≤1.7dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 15.85GHz ≥50dB @ 15.85 ~ 16.1GHz	≥50dB @ 18.4 ~ 18.65GHz ≥80dB @ 18.65 ~ 30GHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-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: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 70*16*12mm

