

- **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	
● 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*8.5mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

