

- **Model:** HXLBQ-DTA190
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6.8~7.2GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	7.0GHz	
● Pass Band Bandwidth	±200MHz (6.8 ~ 7.2GHz)	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Flatness	≤0.8dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥60dB @ DC ~ 6.7GHz	≥60dB @ 7.3 ~ 12GHz
● Impedance	50 Ohms	
● Power Handling	5W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy Connectors: H59 Copper, Plated ternary alloy Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy	
● Dimensions	174*53*15mm	
● Net weight	TBD	

●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

