

- **Model:** HXLBQ-DTA510X
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6000~8000MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	7000MHz	
● Pass Band Frequency	6000 ~ 8000MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥80dB @ DC ~ 5000MHz	≥45dB @ 8400 ~ 8650MHz
	≥45dB @ 5000 ~ 5500MHz	≥80dB @ 8650 ~ 19000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	90*17*11mm	
● Net weight	TBD	

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

