

- **Model:** HXLBQ-DTA496
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2.2~2.3GHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	2.25GHz	
● Pass Band Frequency	2.2 ~ 2.3GHz	
● Pass Band Insertion Loss	≤1.6dB	
● Pass Band Ripple	≤0.65dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥50dB @ DC ~ 2.15GHz	≥50dB @ 2.35 ~ 6.5GHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
● Dimensions	179*30*25mm	
● Net weight	0.224 KG	

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

