

- **Model:** HXLBQ-DTA175
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 405~425MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	415MHz	
● Pass Band Frequency	405 ~ 425MHz	
● Pass Band Insertion Loss	≤1.0dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥50dB @ Fc±20MHz (DC ~ 385MHz , 445 ~ 800MHz)	
● Impedance	50 Ohms	
● Power	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy	
● Dimensions	190*80*35mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±1.0mm)

