

- **Model:** HXLBQ-DTA1091
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 8028.5 ~ 8048.5MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	8038.5MHz	
● Pass Band Frequency	8028.5 ~ 8048.5MHz	
● Pass Band Insertion Loss	≤0.7dB	
● Pass Band Ripple	≤0.05dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 6178MHz ≥50dB @ 6178 ~ 7278MHz	≥50dB @ 8798 ~ 9898MHz ≥80dB @ 9898 ~ 27000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Male / SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	TBD	

Note: The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.

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

◆ Material

- Housing: H62 Copper alloy
- Cover: H62 Copper alloy
- Tuning screw: H62 Copper alloy
- Connectors: Stainless Steel
- Working Environment: Indoor
- Dimensions: 40*16*11mm

