

- **Model:** HXLBQ-DTA846
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 5900~7125MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	6512.5MHz	
● Pass Band Frequency	5900 ~ 7125MHz	
● Pass Band Insertion Loss	≤0.9dB	
● Pass Band Ripple	≤0.45dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 5260MHz	≥50dB @ 7525 ~ 7765MHz
	≥50dB @ 5260 ~ 5500MHz	≥80dB @ 7765 ~ 22000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Net weight	0.091 KG	

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)

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|-------------------|----------------------------------|-------------------------------|
| ◆ Material | ● Housing: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 90*16*13mm |

