

- **Model:** HXLBQ-DTA1436
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1028~1091MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1059.5MHz	
● Pass Band Frequency	1028 ~ 1091MHz	
● Pass Band Insertion Loss	≤1.7dB	
● Pass Band Ripple	≤1.0dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥70dB @ DC ~ 988MHz	≥40dB @ 1111 ~ 1131MHz
	≥40dB @ 988 ~ 1008MHz	≥70dB @ 1131 ~ 2500MHz
● Impedance	50 Ohms	
● Power Handling	50W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-10°C ~ +50°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)

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|-------------------|------------------------------|-------------------------------|
| ◆ Material | ● Housing: Aluminum alloy | ● Connectors: Stainless Steel |
| | ● Cover: Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: Copper alloy | ● Dimensions: 230*47*30mm |

