

- **Model: HXLBQ-DTA729**
- **Product Name: Cavity Band Pass Filter**
- **Frequency: 658~678MHz**

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	668MHz	
● Pass Band Frequency	658 ~ 678MHz **	
● Pass Band Insertion Loss	≤1.2dB	
● Pass Band Ripple	≤0.4dB	
● Pass Band Return Loss	≥20dB	
● Stop Band Rejection	≥65dB @ DC ~ 628MHz	≥65dB @ 708 ~ 2000MHz
● Impedance	50 Ohms	
● Power Handling	20W Max.	
● Connectors	TNC-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel	
● Dimensions	180*60*30mm	
● Net weight	TBD	

** 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)

