

- **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
● 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: 6061 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Cover: LY12 Aluminum alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 180*67*30mm |

