

- **Model:** HXLBQ-DTA1216
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1400~1460MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1430MHz
● Pass Band Frequency	1400 ~ 1460MHz
● Pass Band Insertion Loss	≤1.3dB
● Pass Band Ripple	≤0.6dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 1350MHz ≥40dB @ 1510 ~ 8000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	66*46*22mm
● 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: ±0.3mm)

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|-----------|---------------------------------|------------------------------------|
| ●Material | ●Housing: 6061 Aluminum alloy | ●Connectors: Stainless Steel |
| | ●Cover: LY12 Aluminum alloy | ●Other screw: Stainless Steel |
| | ●Tuning screw: H62 Copper alloy | ●Resonant column: H59 Copper alloy |

