

- **Model:** HXLBQ-DTA1176
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 814~914MHz

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

Technical Data Sheet	
Item	Parameters
● Center Frequency(F0)	864MHz
● Pass Band Frequency	814 ~ 914MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band Ripple	≤1.3dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥30dB @ DC ~ 804MHz      ≥30dB @ 924 ~ 2000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Dimensions	280*46*30mm
● 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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|-------------------|----------------------------------|-------------------------------------|
| ● <b>Material</b> | ● 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 |

