

- **Model:** HXLBQ-DTA1177
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1910~1920MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1915MHz
● Pass Band Frequency	1910 ~ 1920MHz
● Pass Band Insertion Loss	≤1.5dB
● Pass Band Ripple	≤0.4dB
● Pass Band Return Loss	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 1895MHz ≥40dB @ 1935 ~ 4000MHz
● Impedance	50 Ohms
● Power Handling	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°C
● Dimensions	84*84*23mm
● 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 | ● Resonant column: H59 Copper alloy |
| | ● Cover: LY12 Aluminum alloy | ● Connectors: H59 Copper, Plated ternary alloy |
| | ● Tuning screw: H62 Copper alloy | ● Other screw: Stainless Steel |

