

- **Model: HXLBQ-DTA1136X**
- **Product Name: Dot Frequency Cavity Filter**
- **Frequency: 1553~1567MHz**
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1560MHz
● 3.0dB Bandwidth	14MHz Max. (1553 ~ 1567MHz Max.)
● Insertion Loss @ F0	≤2.5dB @ 1560MHz
● Return Loss @ F0	≥18dB @ 1560MHz
● Stop Band Rejection	≥55dB @ DC ~ 1530MHz ≥55dB @ 1590 ~ 5000MHz
● Impedance	50 Ohms
● Power	50W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	+10°C ~ +30°C
● Dimensions	73*73*26mm
● Net weight	TBD

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)

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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 |

