

- **Model:** HXLBQ-DTA1312
- **Product Name:** Comb Band Pass Filter
- **Frequency:** 7500~14300MHz
- ★ **High Stop Band Rejection**
- ★ **Low Pass Band Insertion Loss**
- ★ **Customizable Design**
- ★ **High Reliability**

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	10900MHz
● Pass Band Frequency	7500 ~ 14300MHz
● Pass Band Insertion Loss	≤1.0dB
● Pass Band Ripple	≤0.7dB
● Pass Band Return Loss	≥18dB
● Stop Band Rejection	≥80dB @ DC ~ 6000MHz ≥80dB @ 15000 ~ 18000MHz ≥60dB @ 6000 ~ 6500MHz ≥40dB @ 6500 ~ 6900MHz
● Impedance	50 Ohms
● Power Handling	5.0W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-20°C ~ +60°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: H62 Copper alloy | ● Connectors: Stainless Steel |
| | ● Cover: H62 Copper alloy | ● Working Environment: Indoor |
| | ● Tuning screw: H62 Copper alloy | ● Dimensions: 110*22*14mm |

