

- **Model:** HXLBQ-DTA1185
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 6580~6834MHz

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

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	6707MHz
● Pass Band Frequency	6580 ~ 6834MHz
● Pass Band Insertion Loss	≤0.9dB
● Pass Band Ripple	≤0.35dB
● Pass Band Return Loss	≥22dB
● Stop Band Rejection	≥80dB @ DC ~ 6207MHz ≥55dB @ 7047 ~ 7207MHz ≥55dB @ 6207 ~ 6367MHz ≥80dB @ 7207 ~ 19000MHz
● Impedance	50 Ohms
● Power	10W Max.
● Connectors	SMA-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°C
● Dimensions	100*18*11mm
● Net weight	0.115 KG

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)

- **Material**
 - Housing: H62 Copper alloy
 - Cover: H62 Copper alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: Stainless Steel
 - Other screw: Stainless Steel

