

- **Model:** HXLBQ-DTA171
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1920~1980MHz
- ★ High Stop Band Rejection
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item	Parameters
● Center Frequency(F0)	1950MHz
● Pass Band Frequency	1920 ~ 1980MHz
● Pass Band Insertion Loss	≤2.0dB
● Pass Band VSWR	≤1.3:1
● Stop Band Attenuation	≥40dB @ DC ~ 1910MHz ≥40dB @ 1990 ~ 3000MHz
● Impedance	50 Ohms
● Power	20W Max.
● Connectors	N-Female
● Surface Finish	Painted Black
● Temperature Range	-30°C ~ +70°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)

- **Material**
 - Housing: 6061 Aluminum alloy
 - Cover: LY12 Aluminum alloy
 - Tuning screw: H62 Copper alloy
 - Connectors: H59 Copper, Plated ternary alloy
 - Other screw: Stainless Steel
 - Dimensions: 92*92*33mm

