

- **Model:** HXLBQ-DTA614
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1750~1850MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1800MHz	
● Pass Band Frequency	1750 ~ 1850MHz	
● Pass Band Insertion Loss	≤1.3dB	
● Pass Band Ripple	≤0.6dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥60dB @ DC ~ 1650MHz	≥60dB @ 1950 ~ 5000MHz
● Impedance	50 Ohms	
● Power	50W Max.	
● Connectors	N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°C	
● Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
● Dimensions	177*35*25mm	
● Net weight	TBD	
●Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)		

