

- **Model:** HXLBQ-DTA745
- **Product Name:** Cavity Dual Pass Band Filter
- **Frequency:** 1836~1848MHz 2622~2638MHz

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

Technical Data Sheet		
Item	Parameters	
● Center Frequency(F0)	1842MHz	2630MHz
● Pass Band Frequency	1836 ~ 1848MHz **	2622 ~ 2638MHz **
● Pass Band Insertion Loss	≤2.0dB	≤2.0dB
● Pass Band Ripple	≤0.5dB	≤0.5dB
● Pass Band Return Loss	≥20dB	≥20dB
● Stop Band Rejection	≥40dB @ DC ~ 1826MHz , 1858 ~ 2612MHz , 2648 ~ 5500MHz	
● Impedance	50 Ohms	
● Power	20W Max.	
● Connectors	N-Male / N-Female	
● Surface Finish	Painted Black	
● Temperature Range	-20°C ~ +60°C	
● 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	
● Dimensions	105*105*26mm	
● Net weight	TBD	

** 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)

