

- **Model:** HXLBQ-DTA272
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 1290~1310MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	1300MHz	
● Pass Band Bandwidth	20MHz (1290 ~ 1310MHz)	
● Pass Band Insertion Loss	≤2.0dB	
● Pass Band Ripple	≤0.8dB	
● Pass Band VSWR	≤1.3:1	
● Stop Band Rejection	≥30dB @ DC ~ 1275MHz	≥30dB @ 1325 ~ 4000MHz
● Impedance	50 Ohms	
● Power	20W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	-30°C ~ +70°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	95*65*31mm	
● Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

