

- **Model:** HXLBQ-DTA486
- **Product Name:** Cavity Band Pass Filter
- **Frequency:** 2965~2985MHz

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

Technical Data Sheet

Item	Parameters	
● Center Frequency(F0)	2975MHz	
● Pass Band Frequency	2965 ~ 2985MHz	
● Pass Band Insertion Loss	≤3.2dB	
● Pass Band Ripple	≤0.65dB	
● Pass Band Return Loss	≥23dB	
● Stop Band Rejection	≥80dB @ DC ~ 2915MHz	≥40dB @ 3005 ~ 3035MHz
	≥40dB @ 2915 ~ 2945MHz	≥80dB @ 3035 ~ 8000MHz
● Impedance	50 Ohms	
● Power Handling	5.0W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Temperature Range	0°C ~ +50°C	
● Material	Housing: 6061 Aluminum alloy	Connectors: Stainless Steel
	Cover: LY12 Aluminum alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
● Dimensions	120*20*17mm	
● Net weight	TBD	

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

