

● **Model:** HXHLQ-H3A48

● **Product Name:** Cavity Triplexer

- ★ High Isolation
- ★ Low Pass Band Insertion Loss
- ★ Customizable Design
- ★ High Reliability

Technical Data Sheet

Item 项目	P1	P2	P3
Center Frequency(F0)中心频率	900MHz	1800MHz	2700MHz
Pass Band Frequency 通带频率	890~910MHz	1790~1810MHz	2690~2710MHz
Pass Band Insertion Loss 通带插损	$\leq 1.2\text{dB}$	$\leq 1.2\text{dB}$	$\leq 1.2\text{dB}$
Pass Band VSWR 驻波	$\leq 1.45:1$	$\leq 1.45:1$	$\leq 1.45:1$
Port Isolation 隔离	$\geq 80\text{dB}@1790\sim 1810\text{MHz}$ $\geq 80\text{dB}@2690\sim 2710\text{MHz}$	$\geq 80\text{dB}@890\sim 910\text{MHz}$ $\geq 80\text{dB}@2690\sim 2710\text{MHz}$	$\geq 80\text{dB}@890\sim 910\text{MHz}$ $\geq 80\text{dB}@1790\sim 1810\text{MHz}$
Impedance 阻抗	50 Ohms		
Power 平均功率	20W Max		
Connectors 接头	SMA-Female		
Temperature 工作温度	$-30^{\circ}\text{C}\sim +70^{\circ}\text{C}$		
Surface Finish 表面处理	Natural Conductive Oxidation		
Dimensions 尺寸	90*57*54mm (Containing Screws)		
Working Environment 工作环境	Indoor		

◆ **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.8\text{mm}$)

