

● **Product Name: Cavity Diplexer**

● **Model: HXHLQ-H2A42**

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

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	1815MHz	1865MHz
2	Pass Band Bandwidth	1800 ~ 1830MHz	1850 ~ 1880MHz
3	Pass Band Insertion Loss	≤1.5dB	≤1.5dB
4	Pass Band Ripple	≤0.7dB	≤0.7dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Stop Band Attenuation	≥60dB @ 1850 ~ 1880MHz	≥60dB @ 1800 ~ 1830MHz
7	Impedance	50 Ohms	
8	Power	30W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
12	Temperature Range	-30°C ~ +70°C	
13	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	
14	Dimensions	120*92*31mm	
15	Net weight	TBD	

● **Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: ±1.0mm)

