

● **Product Name: Cavity Diplexer**

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

● **Model: HXHLQ-H2A41**

### Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	4188MHz	4488MHz
2	Pass Band Frequency	4173 ~ 4203MHz	4473 ~ 4503MHz
3	Pass Band Insertion Loss	≤1.0dB	≤1.0dB
4	Pass Band Ripple	≤0.3dB	≤0.3dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Isolation	≥60dB @ 4173 ~ 4203MHz , 4473 ~ 4503MHz	
7	Impedance	50 Ohms	
8	Power	5.0W 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: H62 Copper alloy Cover: H62 Copper alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
14	Dimensions	78*42*15.5mm	
15	Net weight	TBD	

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

