

● **Product Name: Cavity Diplexer**

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

● **Model: HXHLQ-H2A36**

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	3775MHz	3925MHz
2	Pass Band Frequency	3750 ~ 3800MHz	3900 ~ 3950MHz
3	Pass Band Insertion Loss	≤1.5dB	≤1.5dB
4	Pass Band VSWR	≤1.3:1	≤1.3:1
5	Isolation	≥60dB @ 3750 ~ 3800MHz , 3900 ~ 3950MHz	
6	Impedance	50 Ohms	
7	Power	20W Max.	
8	Connectors	SMA-Female	
9	Surface Finish	Painted Black	
10	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
11	Temperature Range	-20°C ~ +60°C	
12	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: H59 Copper, Plated ternary alloy Other screw: Stainless Steel
13	Dimensions	146*46*21mm	
14	Net weight	TBD	

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

