

● **Product Name: Cavity Diplexer**

● **Model: HXHLQ-H2A31**

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

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	2480MHz	2500MHz
2	Pass Band Frequency	2475 ~ 2485MHz	2499 ~ 2501MHz
3	Pass Band Insertion Loss	≤2.0dB	≤2.0dB
4	Pass Band Return Loss	≥18dB	≥18dB
5	Isolation	≥50dB @ 2475 ~ 2485MHz , 2499 ~ 2501MHz	
6	Stop Band Rejection	≥50dB @ DC ~ 2350MHz , 2620 ~ 4000MHz	
7	Impedance	50 Ohms	
8	Power	100W Max.	
9	Connectors	N-Female	
10	Surface Finish	Painted Black	
11	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
12	Temperature Range	-20°C ~ +60°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	116*89*31mm	
15	Net weight	TBD	

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

