

● **Product Name: Cavity Diplexer**

● **Model: HXHLQ-H2A38**

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

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	552MHz	668MHz
2	Pass Band Frequency	542 ~ 562MHz	658 ~ 678MHz
3	Pass Band Insertion Loss	≤1.0dB	≤1.0dB
4	Pass Band VSWR	≤1.3:1	≤1.3:1
5	Isolation	≥70dB @ 542 ~ 562MHz , 658 ~ 678MHz	
6	Impedance	50 Ohms	
7	Power	80W 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	-30°C ~ +70°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	200*92*62mm	
14	Net weight	TBD	

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

