

● **Product Name:** Cavity Diplexer

● **Model:** HXHLQ-H2A49W

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

Technical Data Sheet

Item	RX	TX
● Center Frequency(F0)	2535MHz	2655MHz
● Pass Band Frequency	2500 ~ 2570MHz	2620 ~ 2690MHz
● Pass Band Insertion Loss	≤1.0dB	≤1.0dB
● Pass Band Ripple	≤0.5dB	≤0.5dB
● Pass Band Return Loss	≥18dB	≥18dB
● Stop Band Attenuation	≥70dB @ 2620 ~ 2690MHz	≥70dB @ 2500 ~ 2570MHz
● Impedance	50 Ohms	
● Power	30W Max.	
● Connectors	N-Female	
● Surface Finish	Painted Black	
● Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
● Temperature Range	-40°C ~ +70°C	
● 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
● Dimensions	128*97*21mm	
● Net weight	TBD	

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

