

● **Product Name:** Cavity Diplexer

● **Model:** HXHLQ-H2A45

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

Technical Data Sheet

Item	RX	TX
● Center Frequency(F0)	3515MHz	3565MHz
● Pass Band Frequency	3500 ~ 3530MHz	3550 ~ 3580MHz
● Pass Band Insertion Loss	≤2.4dB	≤2.4dB
● Pass Band Ripple	≤1.0dB	≤1.0dB
● Pass Band VSWR	≤1.3:1	≤1.3:1
● Stop Band Attenuation	≥50dB @ 3550 ~ 3580MHz	≥50dB @ 3500 ~ 3530MHz
● Impedance	50 Ohms	
● Power	30W Max.	
● Connectors	SMA-Female	
● Surface Finish	Painted Black	
● Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
● Temperature Range	-20°C ~ +60°C	
● 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	
● Dimensions	138*138*21mm	
● Net weight	TBD	

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

