

- Product Name:** Cavity Diplexer

- **Model:** HXHLQ-H2A44

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

Technical Data Sheet

Item		RX	TX
●	Center Frequency(F0)	2615MHz	2665MHz
●	Pass Band Bandwidth	2600 ~ 2630MHz	2650 ~ 2680MHz
●	Pass Band Insertion Loss	≤1.5dB	≤1.5dB
●	Pass Band Ripple	≤0.7dB	≤0.7dB
●	Pass Band VSWR	≤1.3:1	≤1.3:1
●	Stop Band Attenuation	≥50dB @ 2650 ~ 2680MHz	≥50dB @ 2600 ~ 2630MHz
●	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	-30℃ ~ +70℃	
●	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	120*92*26mm	
●	Net weight	TBD	

●**Outline Drawing:** (Dimensions Unit: mm, Dimensions Tolerance: $\pm 1.0\text{mm}$)

