

● **Product Name:** Cavity Diplexer

● **Model:** HXHLQ-H2A43

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

Technical Data Sheet

Item	RX	TX
● Center Frequency(F0)	915MHz	965MHz
● Pass Band Bandwidth	900 ~ 930MHz	950 ~ 980MHz
● Pass Band Insertion Loss	≤1.0dB	≤1.0dB
● Pass Band Ripple	≤0.5dB	≤0.5dB
● Pass Band VSWR	≤1.3:1	≤1.3:1
● Stop Band Attenuation	≥60dB @ 950 ~ 980MHz	≥60dB @ 900 ~ 930MHz
● 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°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	140*107*36mm	
● Net weight	TBD	

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

