

# HXHLQ-H2A60

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	917.5MHz	926.5MHz
2	Pass Band Frequency	915 ~ 920MHz	925 ~ 928MHz
3	Pass Band Insertion Loss	≤3.0dB	≤3.0dB
4	Pass Band Ripple	≤0.8dB	≤0.5dB
5	Pass Band Return Loss	≥18dB	≥18dB
6	Stop Band Rejection	≥40dB @ DC ~ 900MHz ≥20dB @ 925 ~ 935MHz ≥40dB @ 935 ~ 2000MHz	≥40dB @ DC ~ 910MHz ≥20dB @ 910 ~ 920MHz ≥40dB @ 943 ~ 2000MHz
7	Impedance	50 Ohms	
8	Power	20W Max.	
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
12	Temperature Range	0°C ~ +50°C	
13	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel
14	Dimensions	120*92*36mm	
15	Net weight	TBD	

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.5mm)

