

# HXHLQ-H2A45

## Cavity Diplexer

### Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	3515MHz	3565MHz
2	Pass Band Frequency	3500 ~ 3530MHz	3550 ~ 3580MHz
3	Pass Band Insertion Loss	≤2.4dB	≤2.4dB
4	Pass Band Ripple	≤1.0dB	≤1.0dB
5	Pass Band VSWR	≤1.3:1	≤1.3:1
6	Stop Band Attenuation	≥50dB @ 3550 ~ 3580MHz	≥50dB @ 3500 ~ 3530MHz
7	Impedance	50 Ohms	
8	Power	30W 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	-20°C ~ +60°C	
13	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
14	Dimensions	138*138*21mm	
15	Net weight	TBD	

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

