

● **Product Name:** Cavity Diplexer

★ High Isolation

★ Low Pass Band Insertion Loss

★ Customizable Design

★ High Reliability

● **Model:** HXHLQ-H2A11

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Center Frequency(F0)	1795MHz	2045MHz
2	Pass Band Frequency	1710 ~ 1880MHz	1920 ~ 2170MHz
3	Pass Band Insertion Loss	≤1.3dB	≤1.3dB
4	Pass Band VSWR	≤1.4:1	≤1.4:1
5	Stop Band Attenuation	≥60dB @ 1920 ~ 2170MHz	≥60dB @ 1710 ~ 1880MHz
6	Impedance	50 Ohms	
7	Power	50W Max.	
8	Connectors	SMA-Female	
9	Surface Finish	Painted Black	
10	Port Sign	Port 1: ANT ; Port 2: RX ; Port 3: TX	
11	Temperature Range	-30°C ~ +70°C	
12	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	
13	Dimensions	209*141*26mm	
14	Net weight	TBD	

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

