

● **Product Name:** Cavity Diplexer

● **Model:** HXHLQ-H2A46

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

Technical Data Sheet

Item	RX	TX
● Center Frequency(F0)	4815MHz	4865MHz
● Pass Band Frequency	4800 ~ 4830MHz	4850 ~ 4880MHz
● Pass Band Insertion Loss	≤2.6dB	≤2.6dB
● Pass Band Ripple	≤1.0dB	≤1.0dB
● Pass Band VSWR	≤1.3:1	≤1.3:1
● Stop Band Attenuation	≥50dB @ 4850 ~ 4880MHz	≥50dB @ 4800 ~ 4830MHz
● 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	-20°C ~ +60°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	138*138*21mm	
● Net weight	TBD	

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

