

● **Product Name:** Cavity Diplexer

● **Model:** HXHLQ-H2A81

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

Technical Data Sheet

S/N	Item	Parameters	
		RX	TX
1	Pass Band Frequency	2700 ~ 2900MHz	2950 ~ 3300MHz
2	Pass Band Insertion Loss	≤0.9dB	≤0.9dB
3	Pass Band Ripple	≤0.8dB	≤0.8dB
4	Pass Band Return Loss	≥18dB	≥18dB
5	Stop Band Rejection	≥70dB @DC ~ 2400MHz ≥70dB @3200 ~ 4300MHz	≥70dB @DC ~ 2550MHz ≥70dB @3700 ~ 4300MHz
6	Ports Isolation	≥50dB @2950 ~ 3300MHz	≥50dB@2700 ~ 2900MHz
7	Impedance	50 Ohms	
8	Average Power	20W Max @ (TX RX)	50W Max @ (OUT)
9	Connectors	SMA-Female	
10	Surface Finish	Painted Black	
11	Temperature Range	-40°C ~ +85°C	
12	Dimensions	116*94*26mm	
13	Working Environment	Indoor	

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

