

● **Model: HXHLQ-H3A43X**

● **Product Name: Cavity Triplexer**

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

Technical Data Sheet

S/N	Item	Parameters		
		P1	P2	P3
1	Center Frequency(F0)	1747.5MHz	1842.5MHz	1950MHz
2	Pass Band Frequency	1710 ~ 1785MHz	1805 ~ 1880MHz	1920 ~ 1980MHz
3	Pass Band Insertion Loss	≤1.5dB	≤1.5dB	≤1.5dB
4	Pass Band Ripple	≤1.0dB	≤1.0dB	≤1.0dB
5	Pass Band Return Loss	≥15dB	≥15dB	≥15dB
6	Stop Band Rejection	≥60dB @ 1805 ~ 1980MHz	≥60dB @ DC ~ 1785MHz ≥60dB @ 1920 ~ 1980MHz	≥60dB @ DC ~ 1880MHz
7	Isolation	≥60dB @ 1710 ~ 1785MHz , 1805 ~ 1880MHz , 1920 ~ 1980MHz		
8	Impedance	50 Ohms		
9	Power	30W Max.		
10	Connectors	SMA-Female		
11	Surface Finish	Painted Black		
12	Port Sign	Port 1: ANT ; Port 2: P1 ; Port 3: P2 ; Port 4: P3		
13	Temperature Range	0°C ~ +50°C		
14	Dimensions	178*121*31mm		
15	Net weight	TBD		

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

