

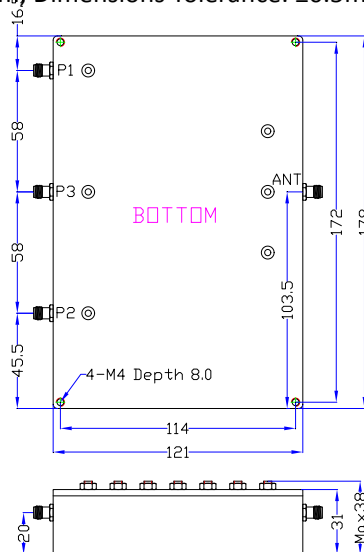
HXHLQ-H3A43X

Cavity Triplexer

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	Material	Housing: 6061 Aluminum alloy Cover: LY12 Aluminum alloy Tuning screw: H62 Copper alloy	Resonant column: H59 Copper alloy Connectors: Stainless Steel Other screw: Stainless Steel	
15	Dimensions	178*121*31mm		
16	Net weight	TBD		

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



** The actual design bandwidth will be greater than the Pass Band Frequency, and there is no bandwidth limit.