

HXHLQ-H3A43

Cavity Triplexer

Technical Data Sheet

S/N	Item	Parameters		
		P1	P2	P3
1	Center Frequency(F0)	718MHz	778MHz	838MHz
2	Pass Band Frequency	713 ~ 723MHz	758 ~ 798MHz	833 ~ 843MHz
3	Pass Band Insertion Loss	≤1.5dB	≤1.5dB	≤1.5dB
4	Pass Band Ripple	≤0.5dB	≤0.7dB	≤0.5dB
5	Pass Band Return Loss	≥16dB	≥16dB	≥16dB
6	Stop Band Rejection	≥60dB @ 758 ~ 843MHz	≥60dB @ DC ~ 723MHz ≥60dB @ 833 ~ 843MHz	≥60dB @ DC ~ 798MHz
7	Isolation	≥60dB @ 713 ~ 723MHz , 758 ~ 798MHz , 833 ~ 843MHz		
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	-30℃ ~ +70℃		
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	215*92*46mm		
16	Net weight	TBD		

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

