

- **Model: HXHLQ-H3A43**
- **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) | 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°C ~ +70°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 | 215*92*46mm | | |
| 16 | Net weight | TBD | | |

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

