

WT-A9940-Q08

Cavity Band Pass Filter

Technical Data Sheet

| S/N | Item | Parameters |
|-----|--------------------------|---|
| 1 | Center Frequency(F0) | 1413.5MHz |
| 2 | Pass Band Frequency | 1400 ~ 1427MHz ** |
| 3 | Pass Band Insertion Loss | ≤1.5dB |
| 4 | Pass Band Ripple | ≤0.6dB |
| 5 | Pass Band Return Loss | ≥23dB |
| 6 | Stop Band Rejection | ≥50dB @ DC ~ 1375MHz ≥50dB @ 1452 ~ 3500MHz |
| 7 | Impedance | 50 Ohms |
| 8 | Power Handling | 200W Max. |
| 9 | Connectors | N-Female |
| 10 | Surface Finish | Painted Black |
| 11 | Temperature Range | -30°C ~ +70°C |
| 12 | Material | Housing: 6061 Aluminum alloy Resonant column: H59 Copper alloy Cover: LY12 Aluminum alloy Connectors: H59 Copper, Plated ternary alloy Tuning screw: H62 Copper alloy Other screw: Stainless Steel |
| 13 | Dimensions | 180*46*25mm |
| 14 | Net weight | 0.374 KG |

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.