

# WT-A7742-Q10

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	2300MHz
2	3.0dB Bandwidth	About: 200MHz (2200 ~ 2400MHz)
3	Insertion Loss @ F0	≤1.0dB @ 2300MHz
4	VSWR	≤1.22:1 @ 160MHz Bandwidth (2220 ~ 2380MHz)
5	Stop Band Rejection	≥80dB @ DC ~ 2075MHz      ≥80dB @ 2525 ~ 7500MHz
6	Impedance	50 Ohms
7	Power	20W Max.
8	Connectors	N-Male / N-Female
9	Surface Finish	Painted Black
10	Temperature Range	-30°C ~ +70°C
11	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
12	Dimensions	130*23*24mm
13	Net weight	0.2 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.3mm)

