

# WT-A6176-Q12

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	3950MHz
2	Pass Band Bandwidth	100MHz (3900 ~ 4000MHz)
3	Pass Band Insertion Loss	≤3.0dB
4	Pass Band Ripple	≤1.8dB
5	Pass Band Return Loss	≥20dB
6	Stop Band Rejection	≥100dB @ DC ~ 3850MHz      ≥100dB @ 4050 ~ 7000MHz
7	Impedance	50 Ohms
8	Power Handling	100W Max.
9	Connectors	N-Female
10	Surface Finish	Painted Black
11	Temperature Range	-10°C ~ +50°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	110*84*23mm
14	Net weight	0.36 KG

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

