

# WT-A8446-Q12

## Cavity Band Pass Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	3550MHz
2	Pass Band Frequency	3300 ~ 3800MHz
3	Pass Band Insertion Loss	≤1.0dB
4	Pass Band Ripple	≤0.5dB
5	Pass Band VSWR	≤1.22:1
6	Stop Band Rejection	≥70dB @ DC ~ 3100MHz      ≥80dB @ 4000 ~ 8500MHz
7	Impedance	50 Ohms
8	Power	100W Max.
9	Connectors	SMA-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: Stainless Steel Tuning screw: H62 Copper alloy      Other screw: Stainless Steel
13	Dimensions	170*26*21mm
14	Net weight	0.15 KG

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

