

# WT-A8312-R10

## Cavity Band Rejection Filter

### Technical Data Sheet

S/N	Item	Parameters
1	Stop Band Center Frequency	1575MHz
2	Stop Band Bandwidth	±50MHz (1525 ~ 1625MHz)
3	Stop Band Attenuation	≥50dB
4	Pass Band Frequency	DC ~ 1485MHz , 1685 ~ 4200MHz
5	Pass Band Insertion Loss	≤1.3dB
6	Pass Band VSWR	≤1.5:1 @ 700 ~ 1485MHz , 1685 ~ 4200MHz ≤1.6:1 @ DC ~ 700MHz
7	Impedance	50 Ohms
8	Power	20W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	-20°C ~ +60°C
12	Material	Housing: 6061 Aluminum alloy    Connectors: Stainless Steel Cover: LY12 Aluminum alloy    Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	195*48*22mm
14	Net weight	TBD

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: ±0.4mm)

