

WT-A9178-Q15

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	18.5GHz
2	Pass Band Frequency	17 ~ 20GHz
3	Pass Band Insertion Loss	≤0.7dB @ 18.5GHz ≤1.2dB @ 17 ~ 20GHz
4	Pass Band Ripple	≤0.5dB
5	Pass Band Return Loss	≥23dB
6	Stop Band Rejection	≥80dB @ DC ~ 16GHz ≥80dB @ 21 ~ 40GHz ≥20dB @ 40 ~ 42GHz
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	ø0.5*2.0mm PIN (SMA-Female Removable)
10	Surface Finish	The Original Silver Color
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	80*16*10mm
14	Net weight	0.092 KG

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

