

WT-A5970-Q10

Cavity Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	18.95GHz
2	0.3dB Bandwidth	2600MHz (17.65 ~ 20.25GHz)
3	Pass Band Insertion Loss	≤0.75dB @ 18.95GHz ≤0.9dB @ 17.65 ~ 20.25GHz
4	Pass Band Flatness	≤0.3dB @ peak-peak in the range of 17.65 ~ 20.25GHz
5	Pass Band VSWR	≤1.22:1 (Input / Output)
6	Group Delay	≤1.2ns @ 18.95GHz ≤2.0ns @ 17.65 ~ 20.25GHz
7	Group Delay Variation	≤0.85ns @ peak-peak in the range of 17.65 ~ 20.25GHz
8	Stop Band Rejection	≥80dB @ 0.1 ~ 14.7GHz ≥70dB @ 21.7 ~ 35GHz ≥70dB @ 14.7 ~ 16.2GHz
9	Impedance	50 Ohms
10	Power Handling	5W Max.
11	Connectors	Input: SMA-Male / Output: SMA-Female
12	Surface Finish	Painted Black
13	Temperature Range	-40°C ~ +85°C
14	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
15	Dimensions	60*16*9.5mm
16	Net weight	0.065KG

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

