

WT-A7006-S15

Comb Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	20GHz
2	3.0dB Bandwidth	10GHz (15 ~ 25GHz)
3	Pass Band Bandwidth	9.4GHz (15.3 ~ 24.7GHz)
4	Pass Band Insertion Loss	$\leq 0.5\text{dB @ } 20\text{GHz}$ $\leq 0.8\text{dB @ } 15.3 \sim 24.7\text{GHz}$
5	Pass Band Ripple	$\leq 0.4\text{dB @ } 15.3 \sim 24.7\text{GHz}$
6	Pass Band VSWR	$\leq 1.3:1 @ 15.3 \sim 24.7\text{GHz}$
7	Stop Band Attenuation	$\geq 80\text{dB @ DC} \sim 12.2\text{GHz}$ $\geq 40\text{dB @ } 26 \sim 27.5\text{GHz}$ $\geq 40\text{dB @ } 12.2 \sim 14\text{GHz}$ $\geq 80\text{dB @ } 27.5 \sim 35.5\text{GHz}$
8	Impedance	50 Ohms
9	Power Handling	5W Max.
10	Connectors	2.92mm(K)-Female
11	Surface Finish	Painted Black
12	Temperature Range	-30°C ~ +70°C
13	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
14	Dimensions	70*16*9.5mm
15	Net weight	0.069 KG

Outline Drawing: (Dimensions Unit: mm, Dimensions Tolerance: $\pm 0.3\text{mm}$)

