

WT-A8990-J19

Interdigital Band Pass Filter

Technical Data Sheet

S/N	Item	Parameters
1	Center Frequency(F0)	1.65GHz
2	Pass Band Frequency	1.0 ~ 2.3GHz
3	Pass Band Insertion Loss	$\leq 0.6\text{dB @ } 1.65\text{GHz}$ $\leq 1.0\text{dB @ } 1.0 \sim 2.3\text{GHz}$
4	Pass Band Ripple	$\leq 0.6\text{dB}$
5	Pass Band Return Loss	$\geq 14\text{dB}$
6	Stop Band Rejection	$\geq 55\text{dB @ DC} \sim 0.84\text{GHz}$ $\geq 48\text{dB @ } 2.5 \sim 3.5\text{GHz}$ $\geq 35\text{dB @ } 0.84 \sim 0.9\text{GHz}$
7	Impedance	50 Ohms
8	Power Handling	5.0W Max.
9	Connectors	SMA-Female
10	Surface Finish	Painted Black
11	Temperature Range	$-40^{\circ}\text{C} \sim +70^{\circ}\text{C}$
12	Material	Housing: 6061 Aluminum alloy Connectors: Stainless Steel Cover: LY12 Aluminum alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	100*48*14mm
14	Net weight	0.123 KG

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

