

ST-55GB10GA96

Cavity Band Pass Filter

Specifications

S/N	Item	Parameters
1	Center Frequency (F0)	55GHz
2	Pass Band Frequency	50 ~ 60GHz
3	Pass Band Insertion Loss	≤2.0dB
4	Pass Band Ripple	≤0.8dB
5	Pass Band Return Loss	≥16dB (Typical: ≥18dB)
6	Stop Band Rejection	≥80dB @ DC ~ 48.4GHz ≥30dB @ 61 ~ 62.55GHz ≥42dB @ 48.4 ~ 49GHz ≥80dB @ 62.55 ~ 73GHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	1.85mm(V)-Female
10	Surface Finish	Black Painted
11	Temperature Range	-30°C ~ +70°C
12	Dimensions	60*14*7mm
13	Configuration	As below (Tolerance: ±0.3mm)

