

ST-50GB10GA10

Cavity Band Pass Filter

Specifications

S/N	Item	Parameters
1	Center Frequency (F0)	50GHz
2	Pass Band Frequency	45 ~ 55GHz
3	Pass Band Insertion Loss	≤1.9dB
4	Pass Band Ripple	≤0.75dB
5	Pass Band Return Loss	≥16dB (Typical: ≥18dB)
6	Stop Band Rejection	≥80dB @ DC ~ 43.4GHz ≥32dB @ 56 ~ 57.4GHz ≥44dB @ 43.4 ~ 44GHz ≥80dB @ 57.4 ~ 70GHz
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)

