

Band Pass Filter

OBP-240000-1000

Ocean Microwave band-pass filter (Ocean band-pass filter „ abbreviation : abbreviation : OBP) is a filter that allows waves of specific frequencyband to pass through while rejecting other frequency bands.

The product name of this Ocean band-pass filter (OBP) is OBP-240000-1000 ,its Center Frequency(F0) is 24GHz, its Pass Band Bandwidth is23.5 ~ 24.5GHz its Pass Band Insertion Loss is ≤ 1.0 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is ≥ 45 dB@22GHz ≥ 45 dB@26GHz

≥ 65 dB@DC ~ 20GHz ≥ 65 dB@28 ~ 33GHz



Electrical Specifications

Parameters	
Center Frequency (F0)	24GHz
Pass Band Frequency	23.5~24.5GHz
Pass Band Insertion Loss	≤ 1.0 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Attenuation	≥ 45 dB @ 22GHz ≥ 45 dB @ 26GHz ≥ 65 dB @ DC~20GHz ≥ 65 dB @ 28~33GHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30°C ~ +70°C
Net Weight	0.04 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS

