Product Datasheet Product ID:OBP-240000-1000



## 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.

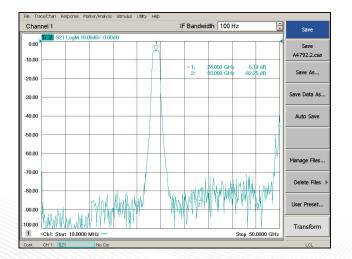
The product name of this Ocean band-pass filter (OBP) is OBP-240000-1000 ,its Center Frequency(F0) is 24GHz, its Pass Band Bandwidth is  $23.5 \sim 24.5$ GHz its Pass Band Insertion Loss is  $\leq 1.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is  $\geq 45$ dB@22GHz $\geq 45$ dB@26GHz

 $\geq$ 65dB@DC ~ 20GHz $\geq$ 65dB@28 ~ 33GHz

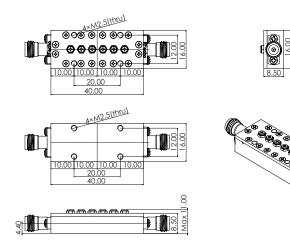


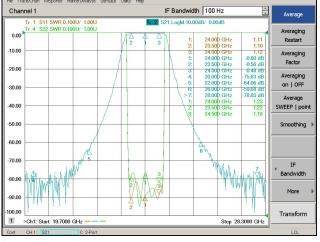
## **Electrical Specifications**

Parameters	
Center Frequency (F0)	24GHz
Pass Band Frequency	23.5~24.5GHz
Pass Band Insertion Loss	≤1.0dB
Pass Band VSWR	≤1.3:1
Stop Band Attenuation	≥45dB @ 22GHz
	≥45dB @ 26GHz
	≥65dB @ DC~20GHz
	≥65dB @ 28~33GHz
Impedance	50 ohms
Power Handling	≪5W
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**





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1/1 Rev JUN-2017