

# Dot Frequency Cavity Filter OBP-5000-20

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

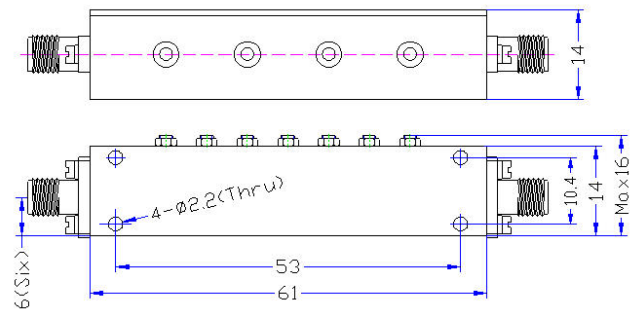
The product name of this Ocean band-pass filter (OBP) is OBP-5000-20, its Center Frequency(F0) is 5GHz, its Pass Band Bandwidth is 4.99-5.01GHz, its Pass Band Insertion Loss is 5dB, and its Pass Band VSWR is 1.3. Its Stop Band frequency is DC-4.9GHz & 5.1-10GHz. The Stop Band Rejection is 60dB.



## Electrical Specifications

Center Frequency(F0)	5.0GHz
3.0dB Bandwidth	≤20MHz (4.99 ~ 5.01GHz)
Pass Band Insertion Loss	≤5.0dB @ 5.0GHz
Pass Band VSWR	≤1.3:1 @ 5.0GHz
Stop Band Rejection	≥60dB @ F0±100MHz (DC ~ 4.9GHz、 5.1 ~ 10GHz)
Impedance	50 ohms
Power Handling	≤10W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	+15°C ~ +30°C
Net Weight	0.065 KG
Configuration	As Below (Size Unit: mm)

## PRODUCT DIMENSIONS



## Test

