

# Band Pass Filter

## OBP-6000-8000

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.

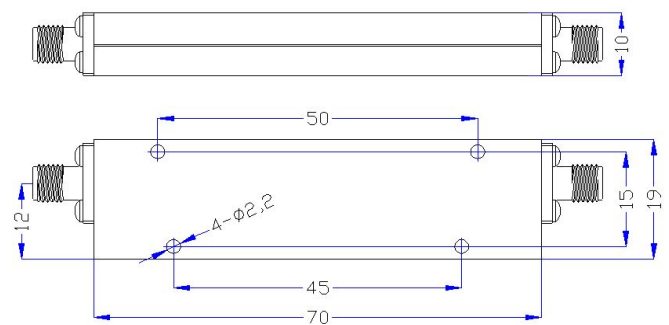
The product name of this Ocean band-pass filter (OBP) is OBP-6000-8000, its Center Frequency(F0) is 6.0GHz, its Pass Band Bandwidth is 6.0-10GHz, its Pass Band Insertion Loss is 1.5dB, and its Pass Band VSWR is1.6. Its Stop Band frequency is DC-1.4GHz &10.9-19.5GHz. The Stop Band Rejection is 60dB.



### Electrical Specifications

|                     |   |
|---------------------|---|
| Pass Band Frequency | 2.0 ~ 10GHz   |
| Insertion Loss      | ≤1.5dB  |
| Ripple in Band      | ≤1.5dB  |
| Return Loss         | ≤1.6:1  |
| Rejection           | ≥60dB @ DC ~ 1.4GHz<br>≥50dB @ 10.9 ~ 11.3GHz<br>≥55dB @ 11.3 ~ 15.4GHz<br>≥30dB @ 15.4 ~ 16.9GHz<br>≥55dB @ 16.9 ~ 19.5GHz |
| Power               | 5W  |
| Surface Finish      | Guide Oxygen or Black Paint   |
| Connectors          | SMA-Female  |
| Net Weight          | 0.04 KG   |

### PRODUCT DIMENSIONS



### Test

