

# Dot Frequency Cavity Filter OBP-4750-500

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.

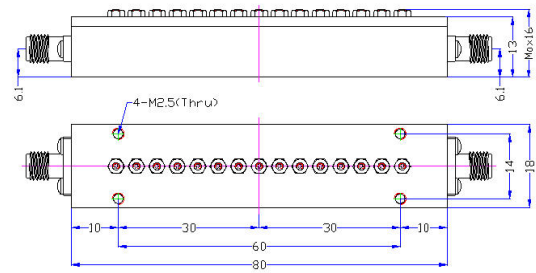
The product name of this Ocean band-pass filter (OBP) is OBP-4750-500, its Center Frequency(F0) is 4.75GHz, its Pass Band Bandwidth is 4.5GHz-5GHz, its Pass Band Insertion Loss is 1.5dB, and its Pass Band VSWR is 1.3. Its Stop Band frequency is DC-4GHz & 5.5-15GHz. The Stop Band Rejection is 70dB.



## Electrical Specifications

|                          |   |
|--------------------------|---|
| Center Frequency (F0)    | 4750MHz   |
| 1dB Pass Band Frequency  | 4500 ~ 5000MHz                                  |
| Pass Band Insertion Loss | ≤1.5dB  |
| Pass Band VSWR           | ≤1.3:1  |
| Stop Band Attenuation    | ≥70dB @ DC ~ 4000MHz<br>≥70dB @ 5500 ~ 15000MHz |
| Impedance                | 50 ohms   |
| Power Handling           | ≤5W   |
| Connectors               | SMA-Female                                      |
| Operating Temperature    | -20°C ~ +70°C                                   |
| Surface Finish           | Black Paint                                     |
| Net Weight               | 0.105 KG  |
| Configuration            | As Below (Size Unit: mm)                        |

## PRODUCT DIMENSIONS



## Test

