

# Cavity Band Pass Filter

## OBP-1747.5-75

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

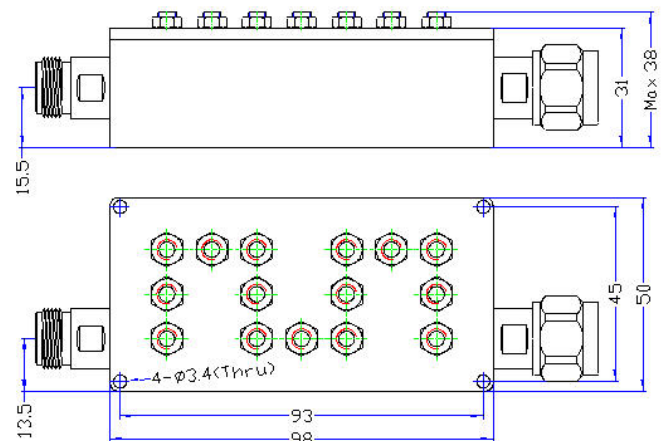
The product name of this Ocean band-pass filter (OBP) is OBP-1747.5-75, its Center Frequency(F0) is 1747.5MHz, its Pass Band Bandwidth is 1710 ~ 1785MHz, its Pass Band Insertion Loss is  $\leq 1.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . The Stop Band Rejection is:  $\geq 50$ dB@F0 $\pm 82.5$ MHz.



### Electrical Specifications

|                          |  |
|--------------------------|--|
| Center Frequency (F0)    | 1747.5MHz  |
| Pass Band Frequency      | 1710 ~ 1785MHz   |
| Pass Band Insertion Loss | $\leq 1.5$ dB  |
| Pass Band VSWR           | $\leq 1.3:1$   |
| Stop Band Rejection      | $\geq 50$ dB @ F0 $\pm 82.5$ MHz<br>(DC ~ 1665MHz、 1830 ~ 4000MHz) |
| Impedance                | 50 ohms  |
| Surface Finish           | Black Paint  |
| Power Handling           | 20W  |
| Connectors               | N-Male / N-Female  |
| Net Weight               | 0.285 KG   |
| Configuration            | As Below (Size Unit: mm)   |

### PRODUCT DIMENSIONS



### Test

