

# Cavity Band Pass Filter

## OBP-1472-40

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.

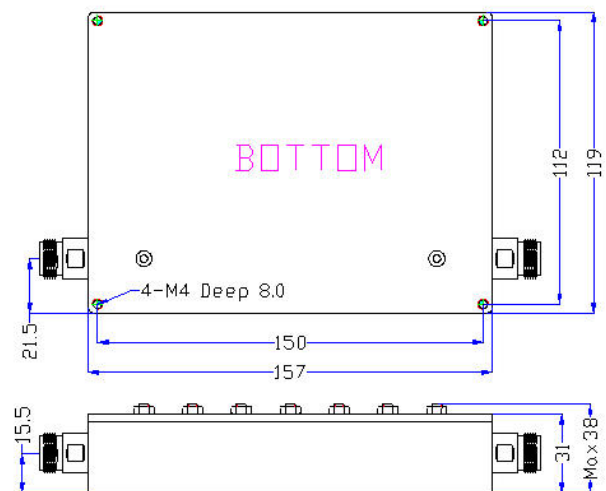
The product name of this Ocean band-pass filter (OBP) is OBP-1472-40, its Center Frequency(F0) is 1472MHz, its Pass Band Bandwidth is 1452 ~ 1492MHz, its Pass Band Insertion Loss is  $\leq 3.5\text{dB}$ , and its Pass Band VSWR is  $\leq 1.4:1$ . Its Stop Band frequency is DC ~ 1449.5MHz & 1494.5 ~ 3000MHz. The Stop Band Rejection is:  $\geq 40\text{dB}$



### Electrical Specifications

Center Frequency (F0)	1472MHz
Pass Band Frequency	1452 ~ 1492MHz
Pass Band Insertion Loss	$\leq 3.5\text{dB}$
Pass Band VSWR	$\leq 1.4:1$
Stop Band Rejection	$\geq 40\text{dB @ DC ~ 1449.5MHz}$ $\geq 40\text{dB @ 1494.5 ~ 3000MHz}$
Impedance	50 ohms
Power Handling	$\leq 20\text{W}$
Connectors	N-Female
Surface Finish	Black Paint
Temperature Range	$-10\text{ }^\circ\text{C ~ }+50\text{ }^\circ\text{C}$
Net Weight	0.735 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

