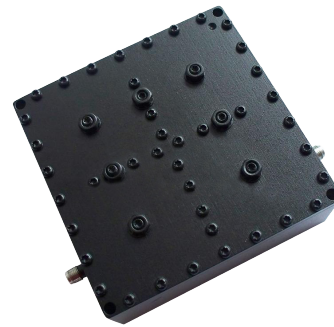


# Cavity Band Pass Filter

## OBP-1640-2

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.

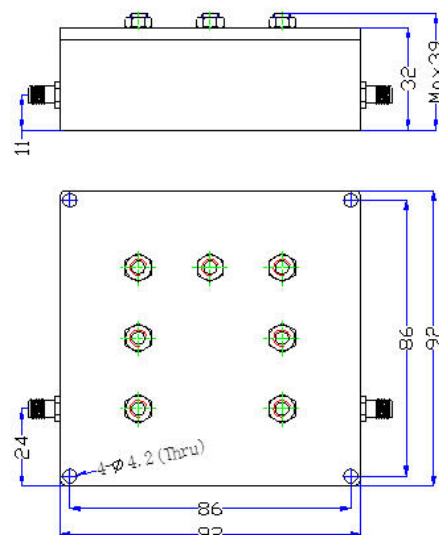
The product name of this Ocean band-pass filter (OBP) is OBP-1640-2, its Center Frequency(F0) is 1640MHz, its Pass Band Bandwidth is 1639 ~ 1641MHz, its Pass Band Insertion Loss is  $\leq 2.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 1633MHz & 1647 ~ 3000MHz. The Stop Band Rejection is  $\geq 35$ dB



### Electrical Specifications

Center Frequency (F0)	1640MHz
Pass Band Frequency	2MHz (1639 ~ 1641MHz)
Pass Bands Insertion Loss	$\leq 2.0$ dB @ 1640MHz
Pass Bands VSWR	$\leq 1.3:1$ @ 1640MHz
Stop Band Rejection	$\geq 35$ dB @ DC ~ 1633MHz $\geq 35$ dB @ 1647 ~ 3000MHz
Impedance	50 ohms
Power Handling	$\leq 10$ W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	+10 °C ~ +50 °C
Net Weight	TBD
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

