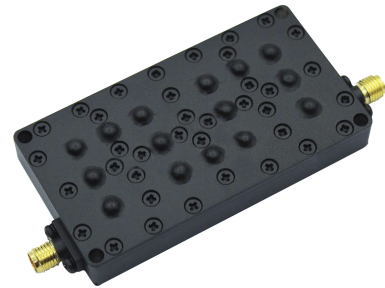


# Cavity Band Pass Filter

## OBP-8380-100

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.

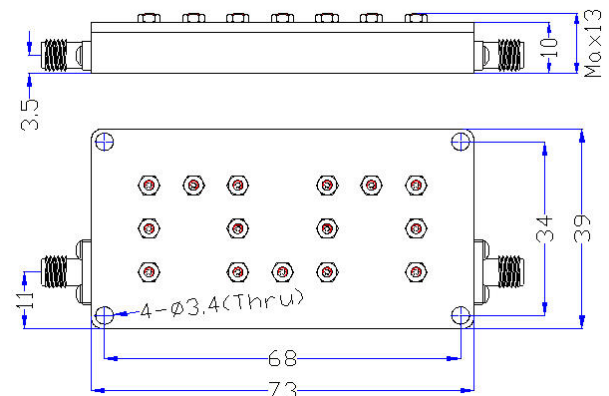
The product name of this Ocean band-pass filter (OBP) is OBP-8380-100, its Center Frequency(F0) is 8380MHz, its Pass Band Bandwidth is 8330 ~ 8430MHz. Its Pass Band Insertion Loss is  $\leq 1.5$ dB, and its PassBand VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 8220MHz & 8540 ~ 15000MHz. The Stop Band Rejection is  $\geq 50$ dB



### Electrical Specifications

Center Frequency (F0)	8380MHz
Pass Band Frequency	100MHz (8330 ~ 8430MHz)
Pass Bands Insertion Loss	$\leq 1.5$ dB
Pass Bands VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50$ dB @ DC ~ 8220MHz $\geq 50$ dB @ 8540 ~ 15000MHz
Impedance	50 ohms
Power Handling	$\leq 10$ W
Connectors	SMA-Female
Operating Temperature	-30 °C ~ +70 °C
Surface Finish	Black Paint
Net Weight	0.15 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

