

# Cavity Band Pass Filter

## OBP-1950-100

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.

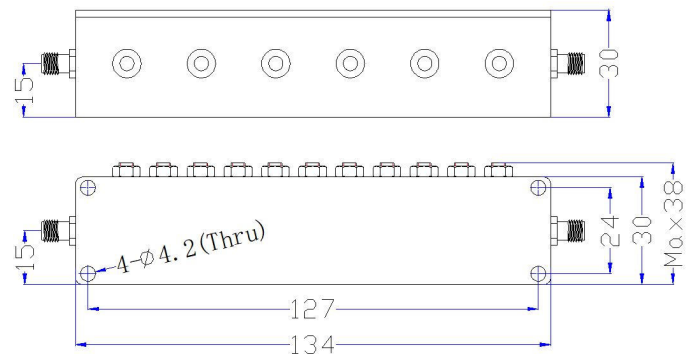
The product name of this Ocean band-pass filter (OBP) is OBP-1950-100, its Center Frequency(F0) is 1950MHz, its Pass Band Bandwidth is 1900 ~ 2000MHz, its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 1760MHz & 2140 ~ 5000MHz. The Stop Band Rejection is:  $\geq 60\text{dB}$



### Electrical Specifications

Center Frequency (F0)	1950MHz
Pass Band Frequency	100MHz (1900 ~ 2000MHz)
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 60\text{dB}$ @ F0 $\pm$ 190MHz (DC ~ 1760MHz、2140 ~ 5000MHz)
Impedance	50 ohms
Power Handling	$\leq 100\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30 °C ~ +70 °C
Net Weight	0.21 KG

### PRODUCT DIMENSIONS



### Test

