

# Cavity Band Rejection Filter

## OBP-2462-20

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.

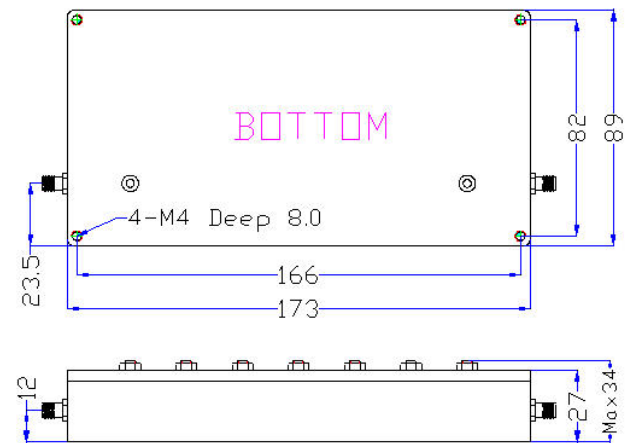
The product name of this Ocean band-pass filter (OBP) is OBP-2462-20, its Center Frequency(F0) is 2462MHz, its Pass Band Bandwidth is 2452 ~ 2472MHz, its Pass Band Insertion Loss is  $\leq 2.5$ dB, and its Pass Band VSWR is  $\leq 1.4:1$ . Its Stop Band frequency is DC ~ 2448MHz & 2476 ~ 5000MHz. The Stop Band Rejection is:  $\geq 30$ dB



### Electrical Specifications

Center Frequency (F0)	2462MHz
Pass Band Frequency	2452 ~ 2472MHz
Pass Band Insertion Loss	$\leq 2.5$ dB
Pass Band VSWR	$\leq 1.4:1$
Stop Band Rejection	$\geq 30$ dB @ DC ~ 2448MHz $\geq 30$ dB @ 2476 ~ 5000MHz
Impedance	50 ohms
Power Handling	$\leq 20$ W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	0°C ~ +40 °C
Net Weight	0.575 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

