

# Cavity Band Pass Filter

## OBP-3160-10

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.

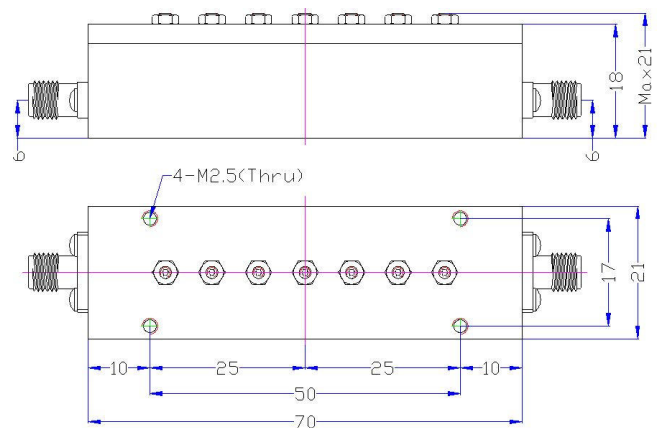
The product name of this Ocean band-pass filter (OBP) is OBP-3160-10, its Center Frequency(F0) is 3160MHz, its Pass Band Bandwidth is 3155 ~ 3165MHz, its Pass Band Insertion Loss is  $\leq 4.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 3110MHz & 3210 ~ 5000MHz. The Stop Band Rejection is:  $\geq 50$ dB



### Electrical Specifications

Center Frequency (F0)	3.16GHz
Pass Band Frequency	10MHz (3.155 ~ 3.165GHz)
Pass Band Insertion Loss	$\leq 4.0$ dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50$ dB @ F0 $\pm$ 50MHz (DC ~ 3.11GHz, 3.21 ~ 5.0GHz)
Impedance	50 ohms
Power Handling	$\leq 10$ W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-10 °C ~ +60 °C
Net Weight	0.15 KG

### PRODUCT DIMENSIONS



### Test

