

# Cavity Band Pass Filter

## OBP-2312.5-185

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.

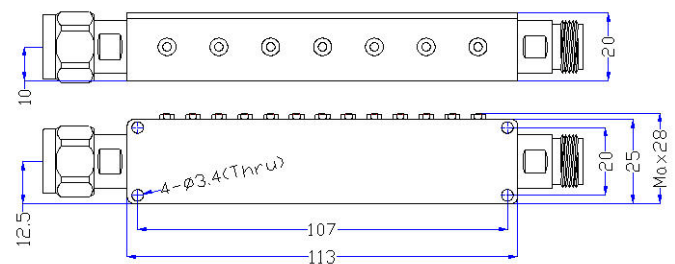
The product name of this Ocean band-pass filter (OBP) is OBP-2312.5-185, its Center Frequency(F0) is 2312.5MHz, its Pass Band Bandwidth is 2220 ~ 2405MHz, its Pass Band Insertion Loss is  $\leq 1.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 2100MHz & 2525 ~ 5000MHz. The Stop Band Rejection is:  $\geq 40$ dB



### Electrical Specifications

Center Frequency (F0)	2312.5MHz
Pass Band Frequency	2220 ~ 2405MHz
Pass Band Insertion Loss	$\leq 1.0$ dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 40$ dB @ F0 $\pm$ 212.5MHz (0 ~ 2100MHz、2525 ~ 5000MHz)
Number of Sections	7 sections
Impedance	50 ohms
Power Handling	$\leq 10$ W
Connectors	N-Male / N-Female
Surface Finish	Black Paint
Temperature Range	-30 °C ~ +70 °C
Net Weight	0.145 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

