

# Cavity Band Pass Filter

## OBP-2846-500



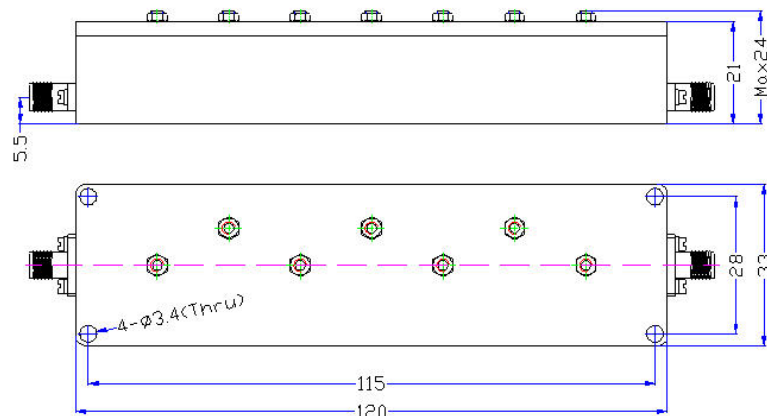
Ocean Microwave band-pass filter (Ocean band-pass filter ,abbreviation : abbreviation : OBP) is a filter that allows waves of specific frequency band to pass through while rejecting other frequency bands.

The product name of this Ocean band-pass filter (OBP) is OBP-2846-500, its Center Frequency(F0) is 2846MHz, its Pass Band Bandwidth is 2845.5 ~ 2846.5MHz, its Pass Band Insertion Loss is  $\leq 3.7$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . The Stop Band Rejection is:  $\geq 25$ dB.

### Electrical Specifications

Center Frequency (F0)	2846MHz
Pass Band Frequency	$\pm 0.5$ MHz (2845.5 ~ 2846.5MHz)
Pass Band Insertion Loss	$\leq 3.7$ dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Attenuation	$\geq 25$ dB @ 2836MHz $\geq 25$ dB @ 2856MHz $\geq 50$ dB @ DC ~ 2826MHz $\geq 50$ dB @ 2866 ~ 6000MHz
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	10W
Connectors	SMA-Female
Net Weight	0.13 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

