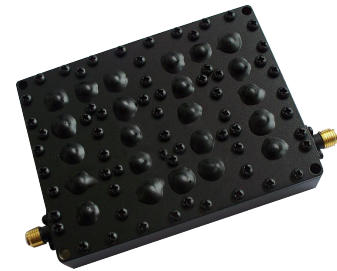


# Cavity Band Pass Filter

## OBP-4300-200

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.

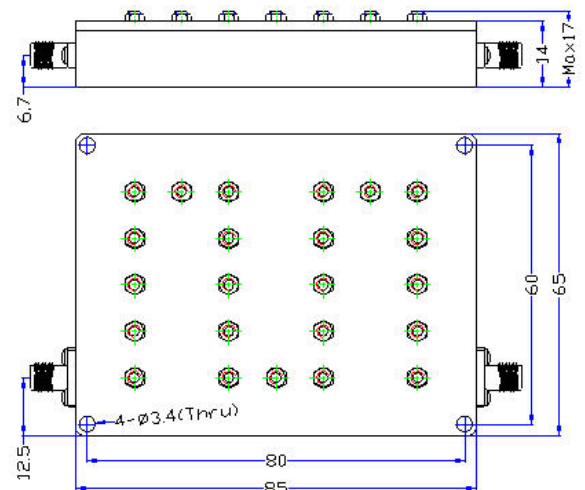
The product name of this Ocean band-pass filter (OBP) is OBP-4300-200, its Center Frequency(F0) is 4300MHz, its Pass Band Bandwidth is 4200 ~ 4400MHz, its Pass Band Insertion Loss is  $\leq 1.5\text{dB}$ , and its PassBand VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 4150MHz & 4450 ~ 10000MHz. The Stop Band Rejection is  $\geq 50\text{dB}$



### PRODUCT DIMENSIONS

### Electrical Specifications

Center Frequency (F0)	4300MHz
Pass Band Frequency	4200 ~ 4400MHz
Pass Bands Insertion Loss	$\leq 1.5\text{dB}$
Pass Bands VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50\text{dB @ F0}\pm 150\text{MHz}$ (DC ~ 4150MHz、4450 ~ 10000MHz)
Surface Finish	Black Paint
Power Handling	$\leq 10\text{W}$
Impedance	50 ohms
Connectors	SMA-Female
Operating Temperature	$-40\text{ }^\circ\text{C} \sim +70\text{ }^\circ\text{C}$
Net Weight	0.335 KG
Configuration	As Below (Size Unit: mm)



### Test

