

# Cavity Band Pass Filter

## OBP-3450-100

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.

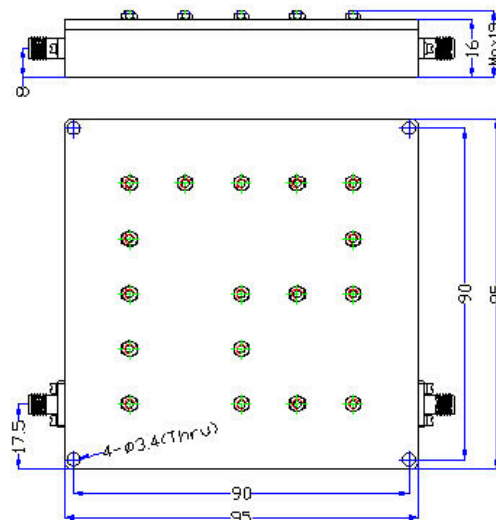
The product name of this Ocean band-pass filter (OBP) is OBP-3450-100, its Center Frequency(F0) is 3450MHz, its Pass Band Bandwidth is 3400 ~ 3500MHz, its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.2:1$ . The Stop Band Rejection is:  $\geq 50\text{dB}$ .



### Electrical Specifications

Center Frequency (F0)	3450MHz
Pass Band Frequency	3400 ~ 3500MHz
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band Ripple	$\leq 0.5\text{dB}$
Pass Band VSWR	$\leq 1.2:1$
Stop Band Rejection	$\geq 50\text{dB}$ @DC ~ 3340MHz $\geq 50\text{dB}$ @3560 ~ 11000MHz
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	10W
Connectors	SMA-Female
Net Weight	0.22 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

