

# Cavity Band Pass Filter

## OBP-5500-100

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.

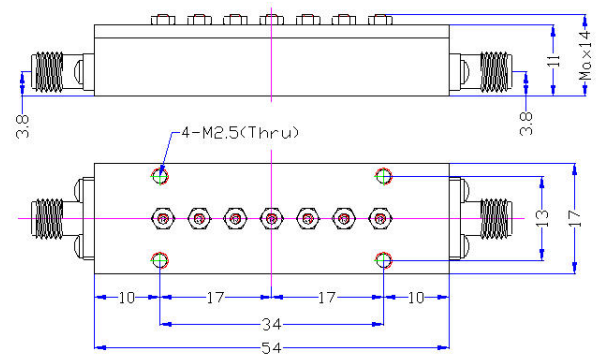
The product name of this Ocean band-pass filter (OBP) is OBP-5500-100 ,its Center Frequency(F0) is 5500MHz, its Pass Band Bandwidth is 5450 ~ 5550MHz, its Pass Band InsertionLoss is $\leq 1.0$ dB, and its PassBand VSWR is $\leq 1.3:1$ .The Stop Band Rejection is:  $\geq 50$ dB



### Electrical Specifications

Center Frequency (F0)	5500MHz
Pass Band Frequency	100MHz(5450 ~ 5550MHz)
Pass Band Insertion Loss	$\leq 1.0$ dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50$ dB @ F0 $\pm 500$ MHz (5000MHz, 6000MHz)
Impedance	50 ohms
Power Handling	$\leq 5$ W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30°C ~ +70°C
Net Weight	TBD
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

