

# Cavity Band Pass Filter

## OBP-897.5-65

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.

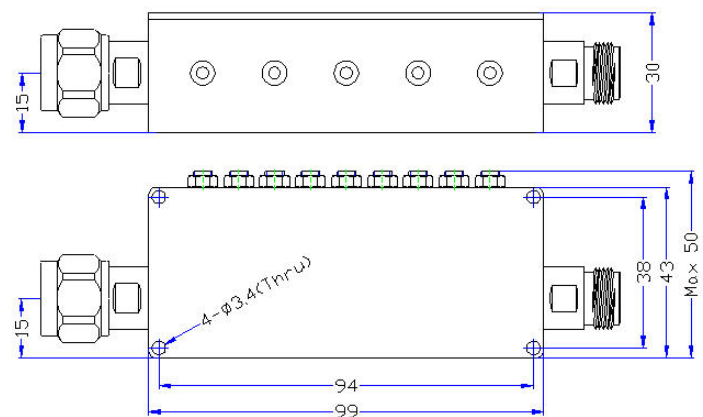
The product name of this Ocean band-pass filter (OBP) is OBP-897.5-65, its Center Frequency(F0) is 897.5MHz, its Pass Band Bandwidth is 880 ~ 915MHz, its Pass Band Insertion Loss is  $\leq 1.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . The Stop Band Rejection is:  $\geq 50$ dB @  $F_0 \pm 87.5$ MHz



### Electrical Specifications

Center Frequency (F0)	897.5MHz
Pass Band Frequency	880 ~ 915MHz
Pass Band Insertion Loss	$\leq 1.5$ dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50$ dB @ $F_0 \pm 87.5$ MHz (DC ~ 810MHz、 985 ~ 2000MHz)
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	20W
Connectors	SMA-Female
Net Weight	0.225 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

