

# Cavity Band Pass Filter

## OBP-847-30-A

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.

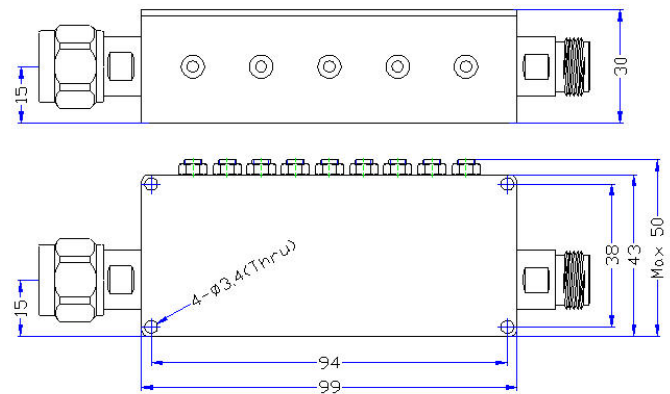
The product name of this Ocean band-pass filter (OBP) is OBP-847-30-A, its Center Frequency(F0) is 847MHz, its Pass Band Bandwidth is 832 ~ 862MHz, its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . The Stop Band Rejection is:  $\geq 50\text{dB}$  @  $F_0 \pm 87\text{MHz}$



### Electrical Specifications

Center Frequency (F0)	847MHz
Pass Band Frequency	832 ~ 862MHz
Pass Band Insertion Loss	$\leq 1.5\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50\text{dB}$ @ $F_0 \pm 87\text{MHz}$ (DC ~ 760MHz, 934 ~ 2000MHz)
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	20W
Connectors	N-Male / N-Female
Net Weight	0.23 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

