

# Cavity Band Pass Filter

## OBP-499.654-2

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.

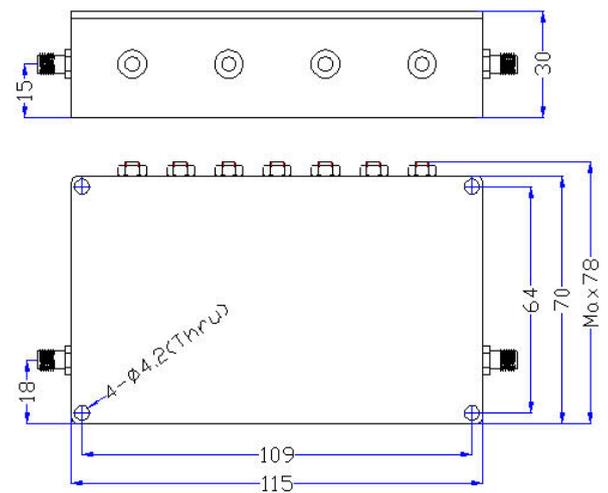
The product name of this Ocean band-pass filter (OBP) is OBP-499.654-2, its Center Frequency(F0) is499.654MHz, its Pass Band Bandwidth is 498.654 ~ 500.654MHz, its Pass Band Insertion Loss is≤2.0dB, and its PassBandVSWR is≤1.3:1. The Stop Band Frequency is: DC ~ 479.654MHz &519.654 ~ 1000MHz.The Stop Band Rejection is:≥40dB



### Electrical Specifications

Center Frequency (F0)	499.654MHz
Pass Band Frequency	2.0MHz (498.654 ~ 500.654MHz)
Pass Bands Insertion Loss	≤2.0dB
Pass Bands VSWR	≤1.3:1
Stop Band Rejection	≥40dB @ F0±20MHz (DC ~ 479.654MHz, 519.654 ~ 1000MHz)
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	≤10W (+40dBm)
Connectors	SMA-Female
Net Weight	0.285 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

