

# Cavity Band Pass Filter

## OBP-902.5-25

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.

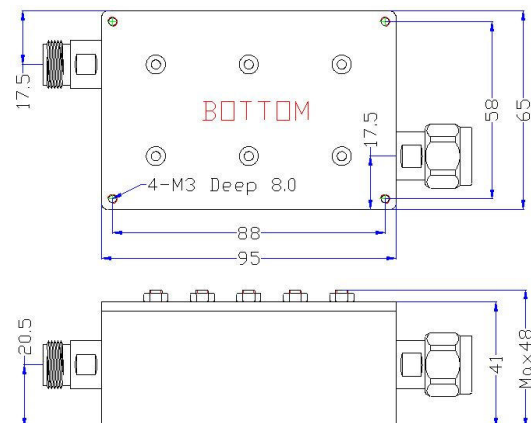
The product name of this Ocean band-pass filter (OBP) is OBP-902.5-25, its Center Frequency(F0) is 902.5MHz, its Pass Band Bandwidth is 890 ~ 915MHz, its Pass Band Insertion Loss is  $\leq 2.0$ dB, and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 880MHz & 925 ~ 2000MHz. The Stop Band Rejection is:  $\geq 35$ dB



### Electrical Specifications

### PRODUCT DIMENSIONS

Center Frequency (F0)	902.5MHz
Pass Band Frequency	890 ~ 915MHz
Pass Band Insertion Loss	$\leq 2.0$ dB
Pass Band Flatness	$\leq 1.0$ dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 35$ dB @ DC ~ 880MHz $\geq 35$ dB @ 925 ~ 2000MHz $\geq 15$ dB @ 885MHz $\geq 15$ dB @ 920MHz
Impedance	50 ohms
Power Handling	$\leq 20$ W
Connectors	N-Male / N-Female
Surface Finish	Black Paint
Temperature Range	-10°C ~ +50°C
Net Weight	0.42 KG



### Test

