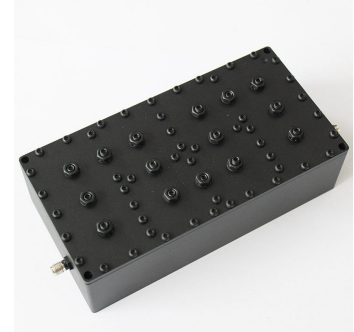


# Cavity Band Pass Filter

## OBP-745-22

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.

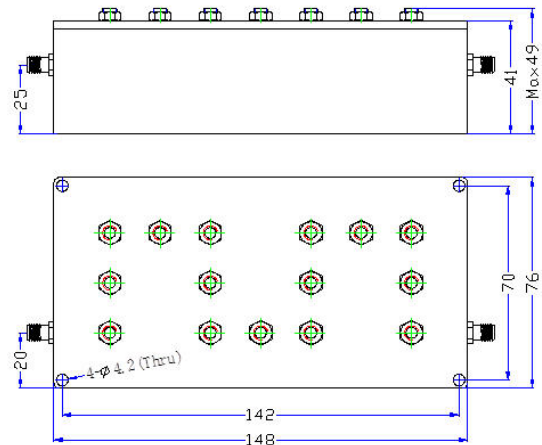
The product name of this Ocean band-pass filter (OBP) is OBP-745-22, its Center Frequency(F0) is 745MHz, its Pass Band Bandwidth is 734 ~ 756MHz, its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 721MHz & 769 ~ 2200MHz. The Stop Band Rejection is:  $\geq 40\text{dB}$



### Electrical Specifications

Center Frequency (F0)	745MHz
Pass Band Frequency	734 ~ 756MHz
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Attenuation	$\geq 40\text{dB}$ @ DC ~ 721MHz $\geq 40\text{dB}$ @ 769 ~ 2200MHz
Impedance	50 ohms
Power Handling	$\leq 20\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-20 °C ~ +60 °C
Net Weight	0.265 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

