

# Cavity Band Pass Filter

## OBP-420-20

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.

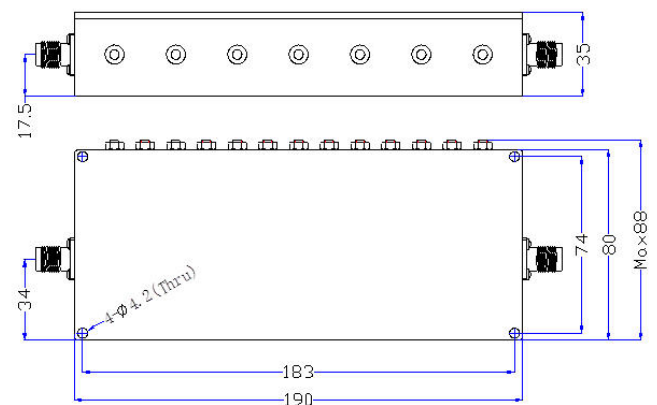
The product name of this Ocean band-pass filter (OBP) is OBP-420-20, its Center Frequency(F0) is 420MHz, its Pass Band Bandwidth is 410 ~ 430MHz, its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is  $F_c \pm 20\text{MHz}$ . The Stop Band Rejection is:  $\geq 50\text{dB}$



### Electrical Specifications

Center Frequency (F0)	420MHz
Pass Band Frequency	410 ~ 430MHz
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50\text{dB}$ @ $F_c \pm 20\text{MHz}$ (390MHz 、 450MHz)
Impedance	50 ohms
Power Handling	$\leq 20\text{W}$
Connectors	TNC-Female
Surface Finish	Black Paint
Temperature Range	$-30\text{ }^{\circ}\text{C} \sim +70\text{ }^{\circ}\text{C}$
Net Weight	0.64 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

