

# Cavity Band Pass Filter

## OBP-1810-40

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.

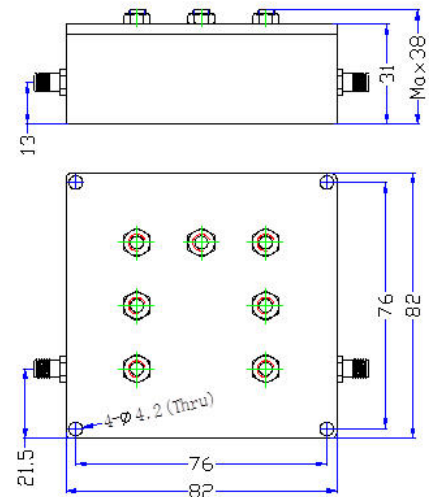
The product name of this Ocean band-pass filter (OBP) is OBP-1810-40, its Center Frequency(F0) is 1810MHz, its Pass Band Bandwidth is 1790 ~ 1830MHz, its Pass Band Insertion Loss is  $\leq 1.5\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 1760MHz & 1860 ~ 4000MHz. The Stop Band Rejection is:  $\geq 20\text{dB}$



### Electrical Specifications

Center Frequency (F0)	1810MHz
Pass Band Frequency	1790 ~ 1830MHz
Pass Band Insertion Loss	$\leq 1.5\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 20\text{dB}$ @ DC ~ 1760MHz $\geq 20\text{dB}$ @ 1860 ~ 4000MHz
Impedance	50 ohms
Power Handling	$\leq 10\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-10 °C ~ +40 °C
Net Weight	0.25 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

