

# Cavity Band Pass Filter

## OBP-2715-18

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.

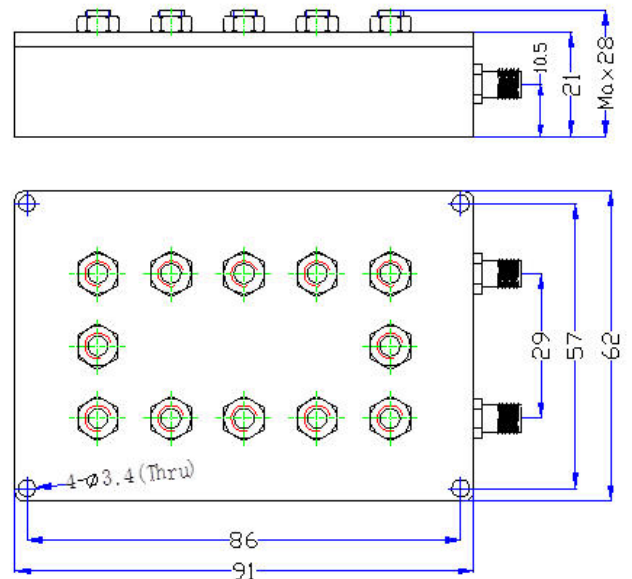
The product name of this Ocean band-pass filter (OBP) is OBP-2715-18, its Center Frequency(F0) is 2715MHz, its Pass Band Bandwidth is 2706 ~ 2724MHz, its Pass Band Insertion Loss is  $\leq 2.0$ dB, and its Pass Band Return Loss is  $\geq 18$ dB. Its Stop Band frequency is DC ~ 2700MHz & 2730 ~ 6000MHz. The Stop Band Rejection is:  $\geq 15$ dB



### Electrical Specifications

Center Frequency (F0)	2715MHz
Pass Band Frequency	2706 ~ 2724MHz
Pass Bands Insertion Loss	$\leq 2.0$ dB
Pass Bands Return Loss	$\geq 18$ dB
Stop Band Rejection	$\geq 15$ dB @ DC ~ 2700MHz $\geq 15$ dB @ 2730 ~ 6000MHz
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	$\leq 20$ W
Connectors	SMA-Female
Net Weight	0.2 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

