

# Cavity Band Rejection Filter

## OBP-9350-100

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.

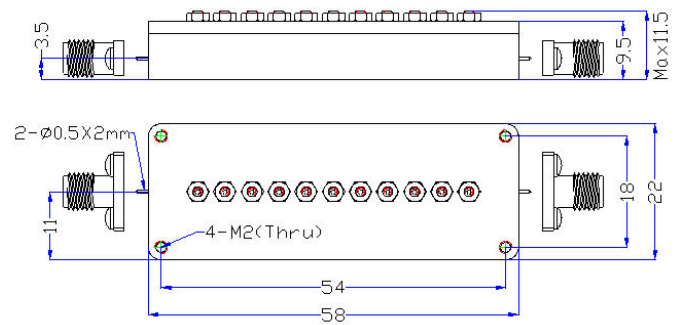
The product name of this Ocean band-pass filter (OBP) is OBP-9350-100, its Center Frequency(F0) is 9.35GHz, its Pass Band Bandwidth is 9300 ~ 9400MHz, its Pass Band Insertion Loss is  $\leq 2.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ .



### Electrical Specifications

|                       |  |
|-----------------------|--|
| Center Frequency [F0] | 9350MHz  |
| 1dB Bandwidth         | 100MHz (9300 ~ 9400MHz)  |
| Insertion Loss        | $\leq 2.0\text{dB}$  |
| VSWR                  | $\leq 1.3:1$   |
| Rejection             | $\geq 60\text{dB}$ @ 9000MHz (Typical 65dB)<br>$\geq 65\text{dB}$ @ 10000MHz |
| Power Handling        | $\leq 5\text{W}$   |
| Impedance             | 50 ohms  |
| Connectors            | SMA-Female   |
| Surface Finish        | The Original Silver Color  |
| Net Weight            | 0.08 KG  |
| Configuration         | As Below (Size Unit: mm)   |

### PRODUCT DIMENSIONS



### Test

