

# Cavity Notch Filter

## OBR-925-6-B

Ocean Microwave Bandstop Filters (Ocean Bandstop Filters , abbreviation : OBR) refer to filters that can pass through most frequency but attenuate some range of frequency to extremely low levels, which is opposite to the concept of band-pass filters. Among them, the notch filter is a special band-stop filter with a very small stop band range and a very high Q Factor.

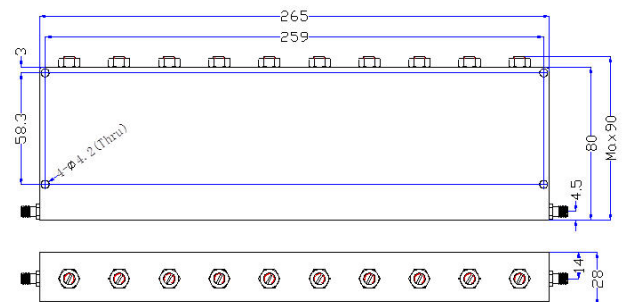
The product name of this Ocean Bandstop Filters (OBR) is OBR-925-6-B, its Stop Band Frequency is 922 ~ 928MHz , Stop Band attenuation is  $\geq 40\text{dB}$ , its Pass Band Frequency is DC ~ 892MHz & 938 ~ 2570MHz, and its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ . Its Pass Band VSWR is  $\leq 1.5:1$



### Electrical Specifications

|                          |  |
|--------------------------|--|
| Stop Band Frequency      | 922 ~ 928MHz   |
| Stop Band Attenuation    | $\geq 40\text{dB}$   |
| Pass Band Frequency      | DC ~ 892MHz & 938 ~ 2570MHz  |
| Pass Band Insertion Loss | $\leq 1.0\text{dB}$ @ DC ~ 882MHz & 948 ~ 2570MHz<br>$\leq 2.5\text{dB}$ @ 882 ~ 892MHz & 938 ~ 948MHz |
| Pass Band VSWR           | $\leq 1.5:1$   |
| Impedance                | 50 ohms  |
| Power Handling           | $\leq 50\text{W}$  |
| Connectors               | SMA-Female   |
| Surface Finish           | Black Paint  |
| Net Weight               | 0.9 KG   |
| Configuration            | As Below (Size Unit: mm)   |

### PRODUCT DIMENSIONS



### Test

