

Cavity Notch Filter

OBR-2450-100

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.

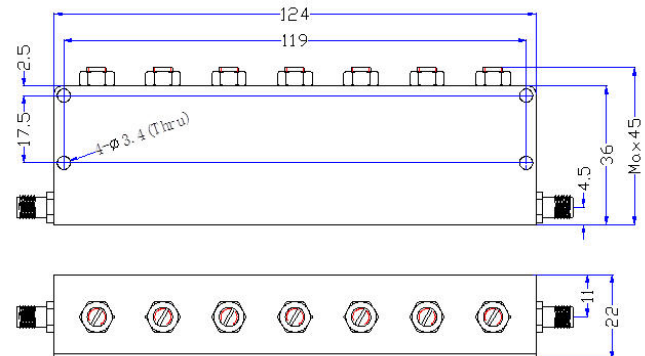
The product name of this Ocean Bandstop Filters (OBR) is OBR-2450-100, its Stop Band Frequency is 2400 ~ 2500MHz , Stop Band attenuation is ≥ 40 dB, its Pass Band Frequency is DC ~ 2300MHz & 2600 ~ 6000MHz, and its Pass Band Insertion Loss is ≤ 1.0 dB. Its Pass Band VSWR is $\leq 1.5:1$



Electrical Specifications

| | |
|--------------------------|----------------------------|
| Stop Band Frequency | 2.4 ~ 2.5GHz |
| Stop Band Attenuation | ≥ 40 dB |
| Pass Band Frequency | DC ~ 2.3GHz & 2.6 ~ 6.0GHz |
| Pass Band Insertion Loss | ≤ 1.0 dB |
| Pass Band VSWR | $\leq 1.5:1$ |
| Impedance | 50 ohms |
| Surface Finish | Black Paint |
| Power Handling | ≤ 10 W |
| Connectors | SMA-Female |
| Temperature Range | -10 °C ~ +50 °C |
| Net Weight | 0.21 KG |
| Configuration | As Below (Size Unit: mm) |

PRODUCT DIMENSIONS



Test

