

# Cavity Notch Filter

## OBR-4900-100

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.

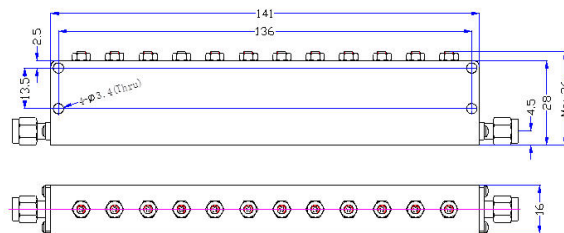
The product name of this Ocean Bandstop Filters (OBR) is OBR-4900-100, its Stop Band Frequency is 4800 ~ 5000MHz , Stop Band attenuation is  $\geq 40$ dB, its Pass Band Frequency is DC ~ 4730MHz & 5070 ~ 10000MHz, and its Pass Band Insertion Loss is  $\leq 2.5$ dB. Its Pass Band VSWR is  $\leq 1.8:1$



### Electrical Specifications

Stop Band Frequency	4.8 ~ 5.0GHz
Stop Band Attenuation	$\geq 40$ dB
Pass Band Frequency	DC ~ 4.73GHz & 5.07 ~ 10GHz
Pass Band Insertion Loss	$\leq 2.5$ dB
Pass Band VSWR	$\leq 1.8:1$
Impedance	50 ohms
Power Handling	$\leq 10$ W
Connectors	SMA-Male
Surface Finish	Black Paint
Net Weight	0.165 KG
Configuration	As Below (Size Unit: mm)

### PRODUCT DIMENSIONS



### Test

