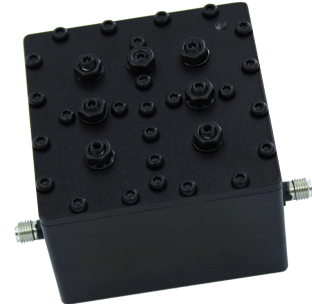


Cavity Band Pass Filter

OBP-919-2

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.

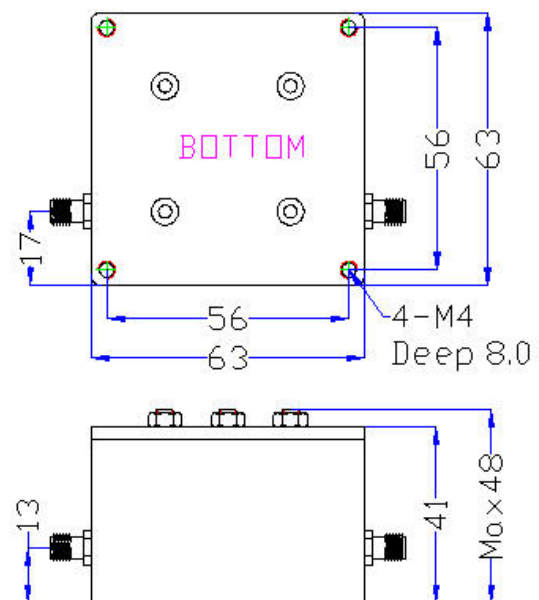
The product name of this Ocean band-pass filter (OBP) is OBP-919-2, its Center Frequency(F0) is 919MHz, its Pass Band Bandwidth is 918 ~ 920MHz, its Pass Band Insertion Loss is $\leq 4.0\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 915MHz & 923 ~ 1500MHz. The Stop Band Rejection is: $\geq 10\text{dB}$



Electrical Specifications

Center Frequency (F0)	919MHz
Pass Band Bandwidth	2.0MHz (918 ~ 920MHz)
Pass Band Insertion Loss	$\leq 4.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Attenuation	$\geq 10\text{dB}$ @ DC ~ 915MHz $\geq 20\text{dB}$ @ 914MHz $\geq 10\text{dB}$ @ 923 ~ 1500MHz
Impedance	50 ohms
Power Handling	Average: $\leq 10\text{W}$; Peak: $\leq 30\text{W}(1\%)$
Connectors	SMA-Female
Surface Finish	Black Paint
Operating Temperature	+10 °C ~ +40 °C
Net Weight	0.255 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

