

Cavity Band Pass Filter

OBP-1640-8

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.

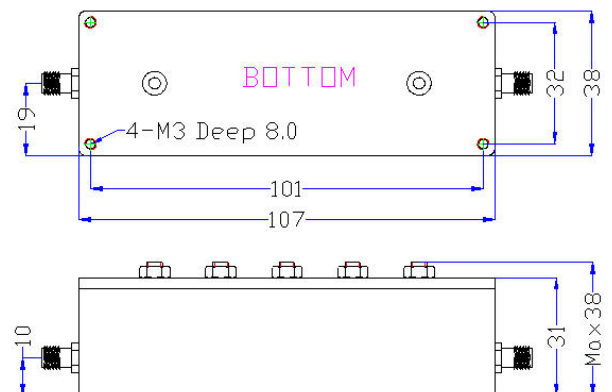
The product name of this Ocean band-pass filter (OBP) is OBP-1640-8, its Center Frequency(F0) is 1640MHz, its Pass Band Bandwidth is 1636 ~ 1644MHz, its Pass Band Insertion Loss is $\leq 1.5\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is $F0 \pm 40\text{MHz}$. The Stop Band Rejection is: $\geq 40\text{dB}$



Electrical Specifications

Center Frequency (F0)	1640MHz
3.0dB Bandwidth	1636 ~ 1644MHz
Insertion Loss at F0	≤1.5dB @ 1640MHz
Pass Band VSWR	≤1.3:1 @ 3.0MHz Bandwidth
Stop Band Rejection	≥40dB @ F0±40MHz
Impedance	50 ohms
Power Handling	≤10W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	+10 °C ~ +40 °C
Net Weight	0.185 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

