

Dot Frequency Cavity Filter

OBP-2450-90

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.

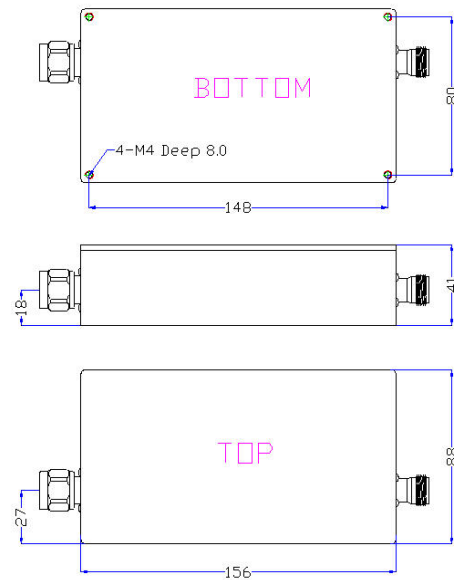
The product name of this Ocean band-pass filter (OBP) is OBP-2450-90, its Center Frequency(F0) is 2450MHz, its Pass Band Bandwidth is 2405 ~ 2495MHz, its Pass Band Insertion Loss is ≤ 1.0 dB, and its Pass Band Return Loss is ≥ 15 dB. Its Stop Band frequency is DC ~ 2370MHz & 2530 ~ 6000MHz. The Stop Band Rejection is: ≥ 45 dB



Electrical Specifications

Center Frequency(F0)	2450MHz
Pass Band Bandwidth	90MHz (2405 ~ 2495MHz)
Pass Band Insertion Loss	≤ 1.0 dB
Pass Band Ripple	≤ 0.7 dB
Pass Band Return Loss	≥ 15 dB
Stop Band Rejection	≥ 45 dB @ DC ~ 2370MHz
	≥ 20 dB @ 2390MHz
	≥ 20 dB @ 2510MHz
	≥ 45 dB @ 2530 ~ 6000MHz
Impedance	50 ohms
Power Handling	≤ 20 W
Connectors	N-Male / N-Female
Surface Finish	Black Paint
Temperature Range	-20 °C ~ +60 °C
Waterproof	IP67
Net Weight	0.065 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

