

Cavity Band Pass Filter

OBP-2300-100

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.

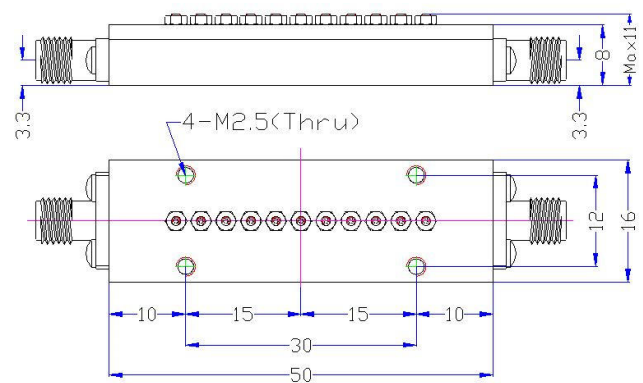
The product name of this Ocean band-pass filter (OBP) is OBP-2300-100, its Center Frequency(F0) is 2300MHz, its Pass Band Bandwidth is 2295 ~ 2305MHz, its Pass Band Insertion Loss is $\leq 4.0\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 2280MHz & 2320 ~ 3000MHz. The Stop Band Rejection is: $\geq 40\text{dB}$



Electrical Specifications

Center Frequency (F0)	23GHz
Pass Band Frequency	100MHz (22.95 ~ 23.05GHz)
Pass Band Insertion Loss	$\leq 4.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 40\text{dB}$ @ DC ~ 22.8GHz $\geq 40\text{dB}$ @ 23.2 ~ 30GHz
Impedance	50 ohms
Power Handling	$\leq 5\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	0°C ~ +40 °C
Net Weight	0.05 KG

PRODUCT DIMENSIONS



Test

