

Cavity Band Pass Filter

OBP-2300-15

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.

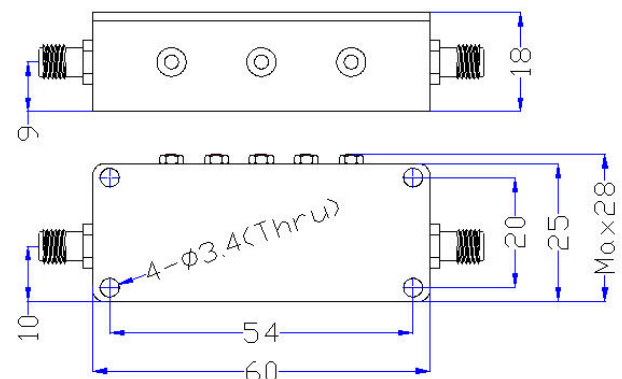
The product name of this Ocean band-pass filter (OBP) is OBP-2300-15, its Center Frequency(F0) is 2300MHz, its Pass Band Bandwidth is 2292.5 ~ 2307.5MHz, its Pass Band Insertion Loss is ≤ 1.0 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 2130MHz & 2470 ~ 5000MHz. The Stop Band Rejection is: ≥ 40 dB



Electrical Specifications

Center Frequency (F0)	2300MHz
Pass Band Frequency	± 7.5 MHz (2292.5 ~ 2307.5MHz)
Pass Band Insertion Loss	≤ 1.0 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 40 dB @ F0 ± 170 MHz (0 ~ 2130MHz , 2470 ~ 5000MHz)
Number of Sections	3 sections
Impedance	50 ohms
Power Handling	≤ 10 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30 °C ~ +70 °C
Net Weight	0.045 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

