

Cavity Band Pass Filter

OBP-10000-1000

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.

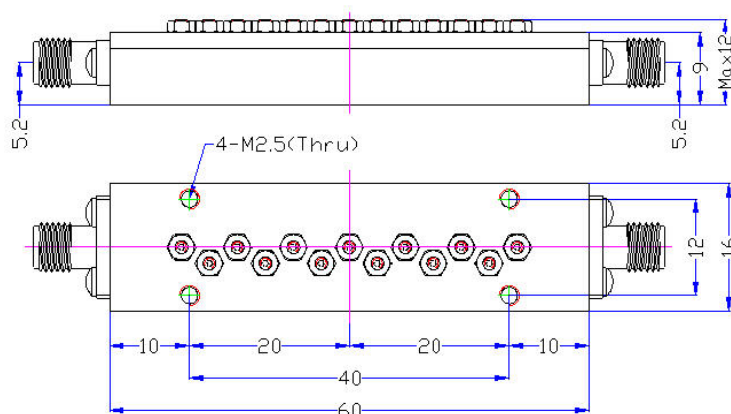
The product name of this Ocean band-pass filter (OBP) is OBP-10000-1000,its Center Frequency(F0) is 10GHz, its Pass Band Bandwidth is 9.5 ~ 10.5GHz, its Pass Band Insertion Loss is ≤ 0.6 dB, and its PassBand VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 8.0GHz, 12 ~ 19GHz. The Stop Band Rejection is: ≥ 25 dB



Electrical Specifications

Center Frequency (F0)	10GHz
Pass Band Bandwidth	9.5 ~ 10.5GHz
Pass Band Insertion Loss	≤ 0.6 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 25 dB @ DC ~ 8.0GHz ≥ 25 dB @ 12 ~ 19GHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30°C ~ +70°C
Net Weight	0.055 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

