

Cavity Band Pass Filter OBP-10000-10

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.

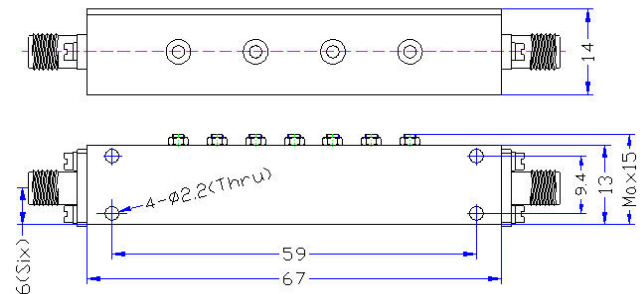
The product name of this Ocean band-pass filter (OBP) is OBP-10000-10,its Center Frequency(F0) is 10GHz, its Pass Band Bandwidth is 9.995 ~ 10.005GHz, its Pass Band InsertionLoss is ≤ 4.5 dB, and its PassBand VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 9.94GHz、 10.06 ~ 18GHz. The Stop Band Rejection is: ≥ 40 dB



Electrical Specifications

Center Frequency (F0)	10GHz
Pass Band Frequency	10MHz (9.995 ~ 10.005GHz)
Pass Band Insertion Loss	≤ 4.5 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 40 dB @ F0+60MHz (DC ~ 9.94GHz、 10.06 ~ 18GHz)
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	+10°C ~ +40°C
Net Weight	0.065 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

