

Cavity Band Pass Filter

OBP-24000-1000

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.

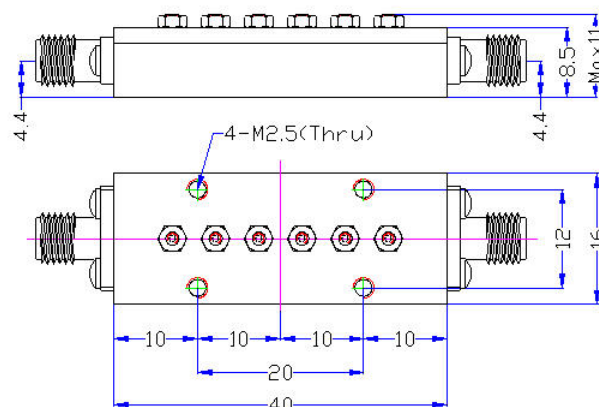
The product name of this Ocean band-pass filter (OBP) is OBP-24000-1000,its Center Frequency(F0) is 24GHz, its Pass Band Bandwidth is 23.5 ~ 24.5GHz, its Pass Band InsertionLoss is ≤ 1.0 dB, and its PassBand VSWR is $\leq 1.3:1$.



Electrical Specifications

Center Frequency (F0)	24GHz
Pass Band Frequency	23.5 ~ 24.5GHz
Pass Band Insertion Loss	≤ 1.0 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 45 dB @ 22GHz ≥ 45 dB @ 26GHz ≥ 65 dB @ DC ~ 20GHz ≥ 65 dB @ 28 ~ 33GHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Net Weight	0.04 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

