

Cavity Band Pass Filter OBP-8950-500

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.

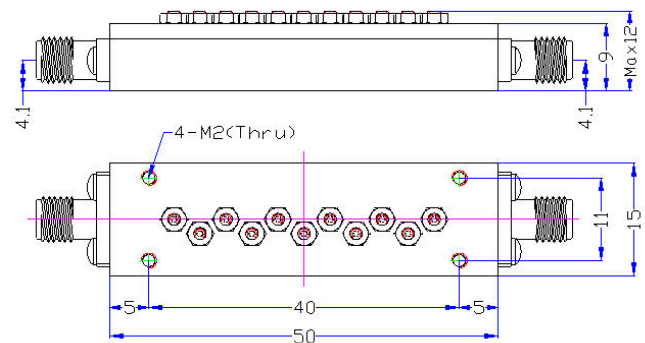
The product name of this Ocean band-pass filter (OBP) is OBP-8950-500,its Center Frequency(F0) is 8950MHz, its Pass Band Bandwidth is 8700 ~ 9200MHz, its Pass Band InsertionLoss is ≤ 1.0 dB, and its PassBand VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 8000MHz&9900 ~ 15000MHz. The Stop Band Rejection is: ≥ 40 dB



Electrical Specifications

Center Frequency (F0)	8950MHz
Pass Band Frequency	500MHz (8700 ~ 9200MHz)
Pass Band Insertion Loss	≤ 1.0 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 40 dB @ DC ~ 8000MHz ≥ 40 dB @ 9900 ~ 15000MHz
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	0.05 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

