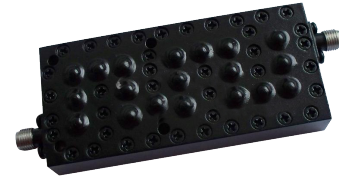


Cavity Band Pass Filter

OBP-8150-500

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.

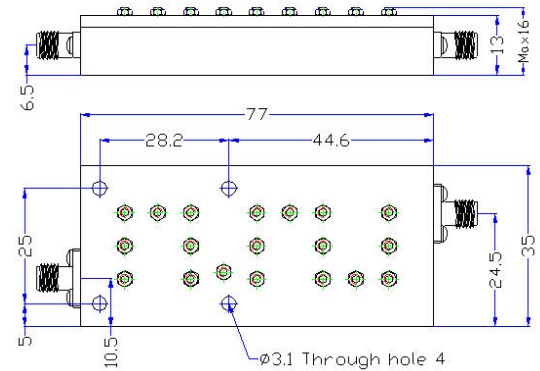
The product name of this Ocean band-pass filter (OBP) is OBP-8150-500,its Center Frequency(F0) is 8150MHz, its Pass Band Bandwidth is 7900 ~ 8400MHz, its Pass Band Insertion Loss is ≤ 1.4 dB, and its PassBand Return Loss is ≥ 20 dB. The Stop Band Rejection is: ≥ 46 dB @ 7.75GHz



PRODUCT DIMENSIONS

Electrical Specifications

Center Frequency (F0)	8.15GHz
Bandwidth	± 250 MHz (7.9 ~ 8.4GHz)
Insertion Loss	≤ 0.7 dB @ 8.15GHz ≤ 1.4 dB @ 7.9 ~ 8.4GHz
Return Loss	≥ 20 dB
Stop Band Rejection	≥ 46 dB @ 7.75GHz
Impedance	50 ohms
Power Handling	≤ 10 W
Connectors	SMA-Female
Surface Finish	The Original Silver Color or Black Paint
Operating Temperature	-20 °C ~ +60 °C
Net Weight	0.18 KG
Configuration	As Below (Size Unit: mm)



Test

