

Cavity Band Pass Filter

OBP-3890-500

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.

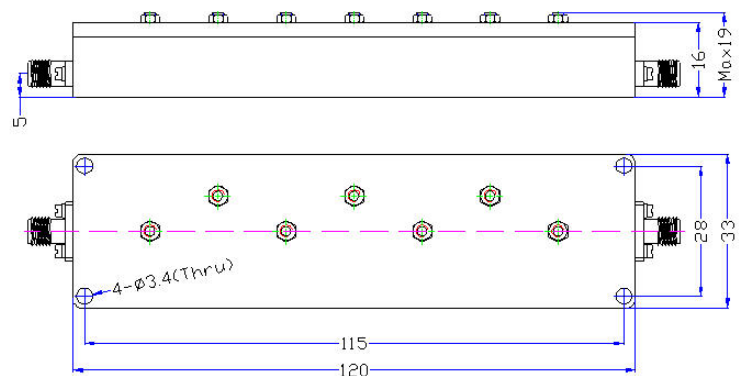
The product name of this Ocean band-pass filter (OBP) is OBP-3890-500, its Center Frequency(F0) is 3890MHz, its Pass Band Bandwidth is 3889.5 ~ 3890.5MHz, its Pass Band Insertion Loss is ≤ 4.7 dB, and its Pass Band VSWR is $\leq 1.3:1$. The Stop Band Rejection is: ≥ 25 dB.



Electrical Specifications

Center Frequency (F0)	3890MHz
Pass Band Frequency	± 0.5 MHz (3889.5 ~ 3890.5MHz)
Pass Band Insertion Loss	≤ 4.7 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Attenuation	≥ 25 dB @ 3880MHz
	≥ 25 dB @ 3900MHz
	≥ 45 dB @ DC ~ 3870MHz
	≥ 45 dB @ 3910 ~ 6000MHz
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	10W
Connectors	SMA-Female
Net Weight	0.315KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

