

Cavity Band Pass Filter

OBP-706-7.6

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.

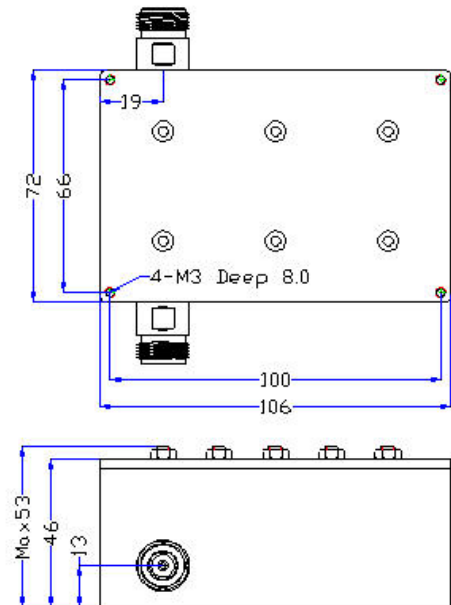
The product name of this Ocean band-pass filter (OBP) is OBP-706-7.6, its Center Frequency(F0) is 706MHz, its Pass Band Bandwidth is 702.2 ~ 709.8MHz, its Pass Band Insertion Loss is ≤ 2.0 dB, and its Pass Band VSWR is $\leq 1.2:1$. Its Stop Band frequency is 693.8MHz & 718.2MHz. The Stop Band Rejection is ≥ 40 dB



Electrical Specifications

Center Frequency (F0)	706MHz
Pass Band Frequency	± 3.8 MHz (702.2 ~ 709.8MHz)
Pass Bands Insertion Loss	≤ 2.0 dB
Pass Bands VSWR	$\leq 1.2:1$
Stop Band Rejection	≥ 20 dB @ F0 ± 7.56 MHz (698.44MHz、713.56MHz) ≥ 40 dB @ F0 ± 12.2 MHz (693.8MHz、718.2MHz)
Power Handling	≤ 20 W
Impedance	50 ohms
Connectors	N-Female
Temperature Range	-20 °C ~ +55 °C
Surface Finish	Black Paint
Net Weight	0.49 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

