

Band Pass Filter OBP-375000-5000

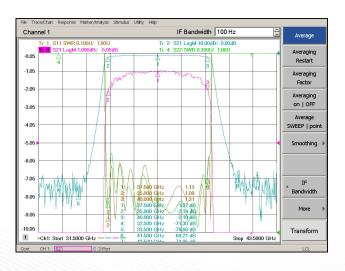
Ocean Microwave band-pass filter (Ocean band-pass filter " abbreviation: abbreviation: OBP) is a filter that allows waves of specific frequency band to pass through while rejecting other frequency bands.

The product name of this Ocean band-pass filter (OBP) is OBP-375000-5000, its Center Frequency(F0) is 37.5GHz , its Pass Band Bandwidth is 35 ~ 40GHz, its Pass Band Insertion Loss is $\leq\!3.0\text{dB}$ and its Pass Band VSWR is $\leq\!2.0\text{:}1.$ Its Stop Band frequency is $\geq\!45\text{dB}$ @ 33.5GHz $\geq\!45\text{dB}$ @ 41.5GHz $\geq\!70\text{dB}$ @ 32.5GHz $\geq\!70\text{dB}$ @ 42.5GHz.



Electrical Specifications

Parameters	
Center Frequency(F0)	37.5GHz
Pass Band Frequency	35∼40GHz
Pass Band Insertion Loss	≤3.0dB
Pass Band VSWR	≤2.0:1
Stop Band Attenuation	≥45dB @ 33.5GHz
	≥45dB @ 41.5GHz
	≥70dB @ 32.5GHz
	≥70dB @ 42.5GHz
Impedance	50 ohms
Power	≤10W
Surface Finish	The Original Silver Color or Black Paint
Connectors	2.92mm-Female
Temperature Range	-40°C ∼+80°C
Net weight	0.035 KG
Configuration	As Below (Size Unit: mm)



PRODUCT DIMENSIONS

