

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 ≤ 3.0 dB and its Pass Band VSWR is $\leq 2.0:1$. Its Stop Band frequency is ≥ 45 dB @ 33.5GHz ≥ 45 dB @ 41.5GHz ≥ 70 dB @ 32.5GHz ≥ 70 dB @ 42.5GHz.



Electrical Specifications

Parameters	
Center Frequency(F0)	37.5GHz
Pass Band Frequency	35~40GHz
Pass Band Insertion Loss	≤ 3.0 dB
Pass Band VSWR	$\leq 2.0:1$
Stop Band Attenuation	≥ 45 dB @ 33.5GHz ≥ 45 dB @ 41.5GHz ≥ 70 dB @ 32.5GHz ≥ 70 dB @ 42.5GHz
Impedance	50 ohms
Power	≤ 10 W
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

