

Band Pass Filter

OBP-325000-5000

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-325000-5000,its Center Frequency(F0) is 32.5GHz , its Pass Band Bandwidth is 30 ~ 35GHz, its Pass Band Insertion Loss is ≤ 2.0 dB. Its Stop Band frequency is ≥ 80 dB @ DC ~ 29GHz ≥ 80 dB @ 36 ~ 47GHz.



Electrical Specifications

Item	Parameters
Center Frequency(F0)	32.5GHz
Pass Band Frequency	30 ~ 35GHz
Pass Band Insertion Loss	≤ 2.0 dB
Pass Band Ripple	≤ 1.0 dB
Pass Band Return Loss	≥ 15 dB
Stop Band Rejection	≥ 80 dB @ DC ~ 29GHz ≥ 80 dB @ 36 ~ 47GHz
Impedance	50 Ohms
Power Handling	5W Max.
Connectors	2.92mm(K)-Female
Surface Finish	Painted Black
Temperature Range	-30°C ~ +70°C
Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
Dimensions	90*16*8.5mm
Net weight	0.085 KG

PRODUCT DIMENSIONS

