

Band Pass Filter

OBP-375000-5000(NO.2)

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(NO.2), its Center Frequency(F0) is 37.5GHz , its Pass Band Bandwidth is 35 ~ 40GHz, its Pass Band Insertion Loss is ≤ 2.0 dB. Its Stop Bandfrequency is ≥ 80 dB @ DC ~ 34GHz ≥ 80 dB @ 41 ~ 54GHz.



Electrical Specifications

Item	Parameters
Center Frequency(F0)	37.5GHz
Pass Band Frequency	35 ~ 40GHz
Pass Band Insertion Loss	≤ 2.0 dB
Pass Band Ripple	≤ 1.1 dB
Pass Band Return Loss	≥ 15 dB
Stop Band Rejection	≥ 80 dB @ DC ~ 34GHz ≥ 80 dB @ 41 ~ 54GHz
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*8mm
Net weight	0.08 KG

PRODUCT DIMENSIONS

