

Band Pass Filter OBP-390000-1000

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-390000-1000, its Center Frequency(F0) is 39GHz , its Pass Band Bandwidth is 1.0GHz (38.5 ~ 39.5GHz), its PassBand Insertion Loss is ≤ 2.5 dB. Its Stop Band frequency is ≥ 50 dB @ DC ~ 38.2GHz ≥ 50 dB @ 39.8 ~ 58.5GHz.

Electrical Specifications

Item	Parameters
Center Frequency(F0)	39GHz
Pass Band Bandwidth	1.0GHz (38.5 ~ 39.5GHz)
Pass Band Insertion Loss	≤ 2.5 dB
Pass Band Ripple	≤ 0.8 dB
Pass Band Return Loss	≥ 18 dB
Stop Band Rejection	≥ 50 dB @ DC ~ 38.2GHz ≥ 50 dB @ 39.8 ~ 58.5GHz
Impedance	50 Ohms
Power Handling	Average: 10W Max. / Peak: 30W 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*7.5mm
Net weight	0.08 KG

PRODUCT DIMENSIONS

