

Band Pass Filter

OBP-393000-1400

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-393000-1400, its Center Frequency(F0) is 39.3GHz , its Pass Band Bandwidth is 38.6 ~ 40GHz, its Pass Band Insertion Loss is $\leq 1.8\text{dB}$ and its Pass Band VSWR is $\leq 1.5:1$. Its Stop Band frequency is $\geq 40\text{dB}$ @ $F0 \pm 2.0\text{GHz}$ (37.3GHz、41.3GHz).



Electrical Specifications

Parameters	
Center Frequency(F0)	39.3GHz
Pass Band Frequency	38.6~40GHz
Pass Band Insertion Loss	$\leq 1.8\text{dB}$
Pass Band VSWR	$\leq 1.5:1$
Stop Band Rejection	$\geq 40\text{dB}$ @ $F0 \pm 2.0\text{GHz}$ (37.3GHz、41.3GHz)
Impedance	50 ohms
Power Handling	$\leq 5\text{W}$
Connectors	2.92mm-Female
Surface Finish	Black Paint
Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Net Weight	0.035 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS

