

Band Pass Filter

OBP-470000-6000

Ocean Microwave band-pass filter (Ocean band-pass filter „ abbreviation : abbreviation : OBP) is a filter that allows waves of specific frequencyband to pass through while rejecting other frequency bands.

The product name of this Ocean band-pass filter (OBP) is OBP-470000-6000 ,its Center Frequency(F0) is 47GHz, its Pass Band Bandwidth is 44 ~ 50GHz, its Pass Band Insertion Loss is $\leq 1.7\text{dB}$,Pass Band VSWR $\leq 1.5:1$ and the Stop Band frequency is $\geq 45\text{dB @}37.5\text{GHz}$ $\geq 45\text{dB @}55\text{GHz}$



Electrical Specifications

Parameters	
Center Frequency(F0)	47GHz
Pass Band Frequency	44 ~ 50GHz
Pass Band Insertion Loss	$\leq 1.7\text{dB}$
Pass Band VSWR	$\leq 1.5:1$
Stop Band Attenuation	$\geq 45\text{dB @}37.5\text{GHz}$ $\geq 45\text{dB @}55\text{GHz}$
Impedance	50 ohms
Power	$\leq 5\text{W}$
Surface Finish	Black Paint
Connectors	2.4mm-Female
Temperature Range	$-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Net weight	0.0419 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS

