

Cavity Band Pass Filter

OBP-245-30

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.

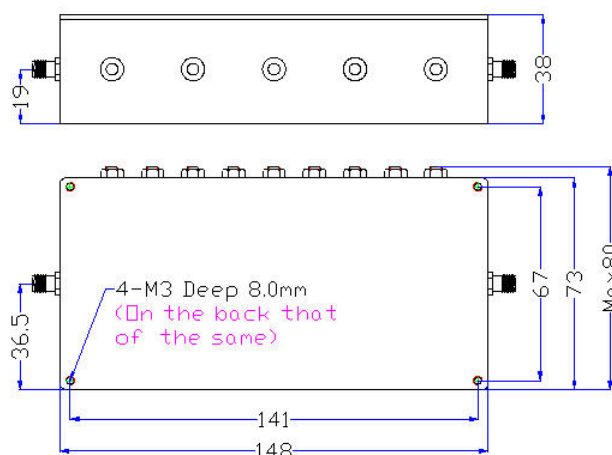
The product name of this Ocean band-pass filter (OBP) is OBP-245-30 , its Center Frequency(F0) is 425MHz, its Pass Band Bandwidth is 410 ~ 440MHz, its Pass Band Insertion Loss is $\leq 1.0\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 300MHz & 550 ~ 1500MHz. The Stop Band Rejection is: ≥ 60



Electrical Specifications

Center Frequency (F0)	425MHz
Pass Band Frequency	410 ~ 440MHz
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 60\text{dB}$ @ DC ~ 300MHz $\geq 60\text{dB}$ @ 550 ~ 1500MHz
Impedance	50 ohms
Power Handling	$\leq 20\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	$-30\text{ }^{\circ}\text{C} \sim +70\text{ }^{\circ}\text{C}$
Net Weight	0.43KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

