

Cavity Band Pass Filter

OBP-650-40

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.

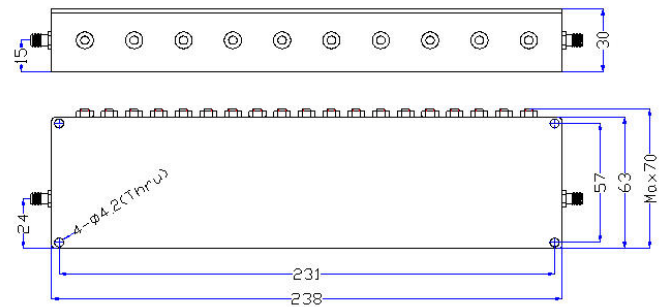
The product name of this Ocean band-pass filter (OBP) is OBP-650-40, its Center Frequency(F0) is 650MHz, its Pass Band Bandwidth is 630 ~ 670MHz, its Pass Band Insertion Loss is $\leq 2.0\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 620MHz & 680 ~ 1000MHz. The Stop Band Rejection is: $\geq 35\text{dB}$



Electrical Specifications

Center Frequency(F0)	650MHz
Pass Band Bandwidth	630 ~ 670MHz
Pass Band Insertion Loss	$\leq 2.0\text{dB}$
Pass Band Ripple	$\leq 0.9\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 35\text{dB}$ @ 620MHz $\geq 35\text{dB}$ @ 680MHz $\geq 55\text{dB}$ @ 610MHz $\geq 55\text{dB}$ @ 690MHz
Impedance	50 ohms
Power Handling	$\leq 20\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	$-10\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$
Net Weight	0.57 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

