

Cavity Band Pass Filter

OBP-1250-100

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.

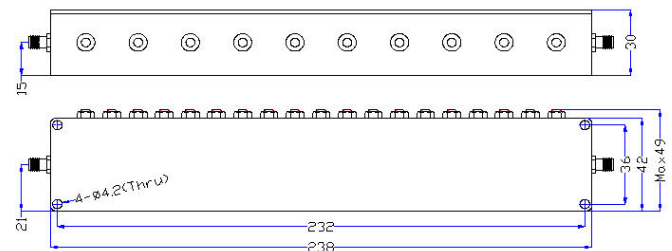
The product name of this Ocean band-pass filter (OBP) is OBP-1250-100, its Center Frequency(F0) is 1250MHz, its Pass Band Bandwidth is 1200 ~ 1300MHz, its Pass Band Insertion Loss is $\leq 1.0\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is: $F_c \pm 30\text{MHz}$. The Stop Band Rejection is: $\geq 40\text{dB}$



Electrical Specifications

Center Frequency (F0)	1250MHz
Operating Frequency	1200 ~ 1300MHz
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Ripple in Band	$\leq 0.8\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 40\text{dB@ } F_c \pm 30\text{MHz}$ $\geq 60\text{dB@ } F_c \pm 50\text{MHz}$
Impedance	50 ohms
Power Handling	$\leq 150\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	$-30\text{ }^\circ\text{C} \sim +70\text{ }^\circ\text{C}$
Net Weight	0.45 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

