

Cavity Band Pass Filter

OBP-835-100

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.

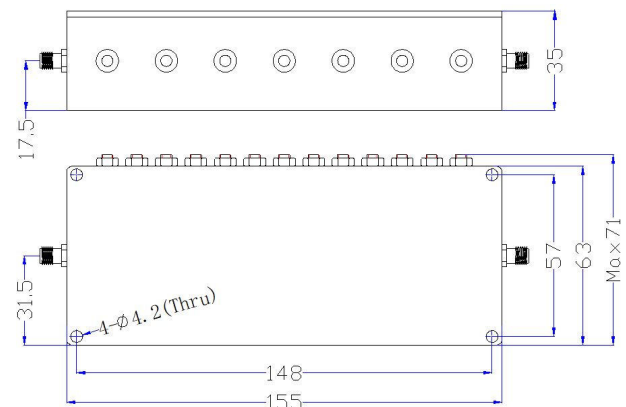
The product name of this Ocean band-pass filter (OBP) is OBP-835-100, its Center Frequency(F0) is 745MHz, its Pass Band Bandwidth is 785 ~ 885MHz, its Pass Band Insertion Loss is $\leq 1.0\text{dB}$, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 675MHz & 995 ~ 1500MHz. The Stop Band Rejection is: $\geq 50\text{dB}$



Electrical Specifications

Center Frequency (F0)	835MHz
Pass Band Frequency	100MHz (785 ~ 885MHz)
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 50\text{dB @ F0} \pm 160\text{MHz}$ (DC ~ 675MHz 、 995 ~ 1500MHz)
Impedance	50 ohms
Power Handling	$\leq 100\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	$-30\text{ }^{\circ}\text{C} \sim +70\text{ }^{\circ}\text{C}$
Net Weight	0.42 KG

PRODUCT DIMENSIONS



Test

