

Cavity Band Pass Filter

OBP-595-10

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.

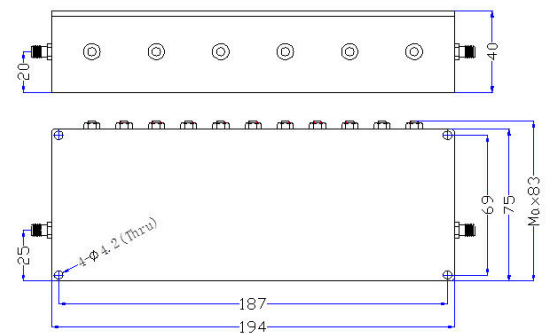
The product name of this Ocean band-pass filter (OBP) is OBP-595-10, its Center Frequency(F0) is 595MHz, its Pass Band Bandwidth is 590 ~ 600MHz, its Pass Band Insertion Loss is $\leq 0.8\text{dB}$, and its PassBandVSWR is $\leq 1.2:1$. The Stop Band Frequency is: $F0 \pm 30\text{MHz}$. The Stop Band Rejection is: $\geq 50\text{dB}$



Electrical Specifications

Center Frequency (F0)	595MHz
Pass Band Frequency	$\pm 5\text{MHz}$ (590 ~ 600MHz)
Pass Bands Insertion Loss	$\leq 0.8\text{dB}$
Pass Bands VSWR	$\leq 1.2:1$
Stop Band Rejection	$\geq 50\text{dB}$ @ $F0 \pm 30\text{MHz}$ (565MHz 、 625MHz) $\geq 80\text{dB}$ @ $F0 \pm 50\text{MHz}$ (545MHz 、 645MHz) $\geq 90\text{dB}$ @ $F0 \pm 100\text{MHz}$ (495MHz 、 695MHz)
Power Handling	$\leq 120\text{W}$
Impedance	50 ohms
Connectors	SMA-Female
Surface Finish	Black Paint
Net Weight	0.615 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

