

# Cavity Band Pass Filter

## OBP-2000-20

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-2000-20, its Center Frequency(F0) is 2000MHz, its Pass Band Bandwidth is 1990 ~ 2010MHz, its Pass Band Insertion Loss is  $\leq 1.5\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 1910MHz & 2090 ~ 5000MHz. The Stop Band Rejection is:  $\geq 80\text{dB}$



### Electrical Specifications

Center Frequency (F0)	2000MHz
Pass Band Frequency	1990 ~ 2010MHz
Pass Band Insertion Loss	$\leq 1.5\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 80\text{dB}$ @ DC ~ 1910MHz $\geq 80\text{dB}$ @ 2090 ~ 5000MHz
Impedance	50 ohms
Power Handling	$\leq 10\text{W}$
Connectors	SMA-Female
Surface Finish	-10 °C ~ +60 °C
Temperature Range	Black Paint
Net Weight	0.13 KG

### PRODUCT DIMENSIONS



### Test

