

Cavity Band Pass Filter

OBP-1925-50

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-1925-50, its Center Frequency(F0) is 1925MHz, its Pass Band Bandwidth is 1900 ~ 1950MHz, its Pass Band Insertion Loss is ≤ 2.0 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 1795MHz & 2000 ~ 5000MHz. The Stop Band Rejection is: ≥ 30 dB



Electrical Specifications

Center Frequency (F0)	1.925GHz
Pass Band Frequency	0.05GHz (1.9 ~ 1.95GHz)
Pass Band Insertion Loss	≤ 2.0 dB
Pass Band Flatness	≤ 1.0 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 30 dB @ DC ~ 1.795GHz ≥ 30 dB @ 2.0 ~ 5.0GHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-10 °C ~ +50 °C
Net Weight	0.10 KG

PRODUCT DIMENSIONS



Test

