

Cavity Band Pass Filter

OBP-8250-500

Ocean Microwave band-pass filter (Ocean band-pass filter, abbreviation: OBP) is a filter that allows waves of specific frequency band to pass through while rejecting other frequency bands.

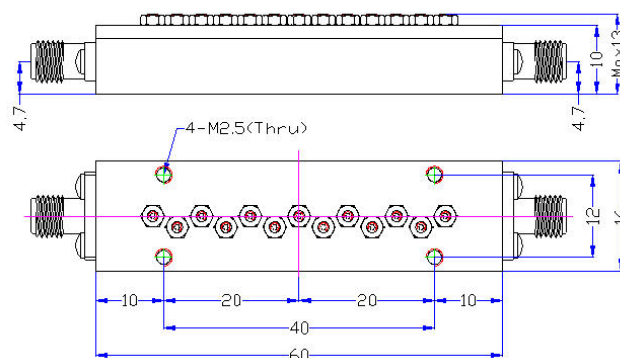
The product name of this Ocean band-pass filter (OBP) is OBP-8250-500, its Center Frequency(F0) is 8250MHz, its Pass Band Bandwidth is 8000 ~ 8500MHz, its Pass Band Insertion Loss is ≤ 1.0 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 7500MHz & 9000 ~ 20000MHz. The Stop Band Rejection is ≥ 40 dB



Electrical Specifications

Center Frequency (F0)	8250MHz
Pass Band Frequency	8000 ~ 8500MHz
Pass Band Insertion Loss	≤ 1.0 dB
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 40 dB @ DC ~ 7500MHz ≥ 40 dB @ 9000 ~ 20000MHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30°C ~ +70°C
Net Weight	0.065 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

