

Dot Frequency Cavity Filter OBP-4200-20

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.

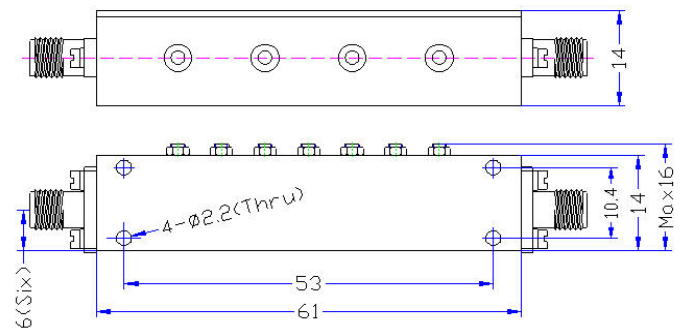
The product name of this Ocean band-pass filter (OBP) is OBP-4200-200, its Center Frequency(F0) is 4.2GHz, its Pass Band Bandwidth is 4.19-4.21GHz, its Pass Band Insertion Loss is 5dB, and its Pass Band VSWR is 1.3. Its Stop Band frequency is DC-4.1GHz & 4.3-10GHz. The Stop Band Rejection is 60dB.



Electrical Specifications

Center Frequency(F0)	4.2GHz
3.0dB Bandwidth	≤20MHz (4.19 ~ 4.21GHz)
Insertion Loss at F0	≤5.0dB @4.2GHz
VSWR at F0	≤1.3:1 @ 4.2GHz
Stop Band Rejection	≥60dB @ F0±100MHz (DC ~ 4.1GHz、4.3 ~ 10GHz)
Impedance	50 ohms
Power Handling	≤10W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	+15°C ~ +30°C
Net Weight	0.065 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

