

Cavity Band Pass Filter

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-2450-100-B, its Center Frequency(F0) is 2450MHz, its Pass Band Bandwidth is 2400 ~ 2500MHz, its Pass Band Insertion Loss is ≤ 0.5 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 2250MHz & 2600 ~ 3000MHz. The Stop Band Rejection is: ≥ 30 dB



Electrical Specifications

| | |
|--------------------------|--|
| Center Frequency (F0) | 2450MHz |
| Pass Band Frequency | 2400 ~ 2500MHz |
| Pass Band Insertion Loss | ≤ 0.5 dB |
| Pass Band VSWR | $\leq 1.3:1$ |
| Stop Band Rejection | ≥ 30 dB @ DC ~ 2250MHz ≥ 30 dB @ 2600 ~ 3000MHz |
| Impedance | 50 ohms |
| Power Handling | ≤ 10 W |
| Connectors | N-Male / N-Female |
| Surface Finish | Black Paint |
| Temperature Range | -30 °C ~ +70 °C |
| Net Weight | 0.185 KG |
| Configuration | As Below (Size Unit: mm) |

PRODUCT DIMENSIONS



Test

