

Cavity Band Pass Filter

OBP-1900-40

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.

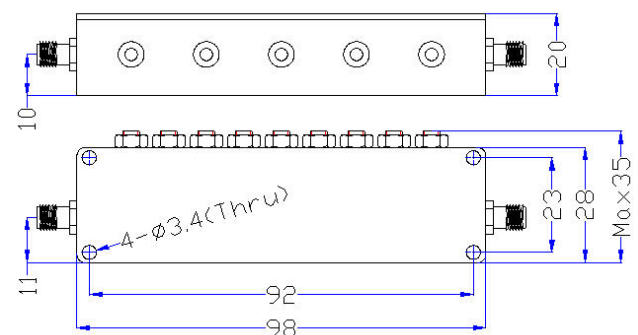
The product name of this Ocean band-pass filter (OBP) is OBP-1900-40, its Center Frequency(F0) is 1900MHz, its Pass Band Bandwidth is 1880 ~ 1920MHz, its Pass Band Insertion Loss is ≤ 1.0 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 1600MHz & 2200 ~ 5000MHz. The Stop Band Rejection is: ≥ 80 dB



Electrical Specifications

| | |
|--------------------------|--|
| Center Frequency (F0) | 1900MHz |
| Pass Band Frequency | 1880 ~ 1920MHz |
| Pass Band Insertion Loss | ≤ 1.0 dB |
| Pass Band VSWR | $\leq 1.3:1$ |
| Stop Band Rejection | ≥ 80 dB @ F0 ± 300 MHz (DC ~ 1600MHz、2200 ~ 5000MHz) |
| Impedance | 50 ohms |
| Power Handling | ≤ 20 W |
| Connectors | SMA-Female |
| Surface Finish | Black Paint |
| Temperature Range | -30 °C ~ +70 °C |
| Net Weight | 0.10KG |
| Configuration | As Below (Size Unit: mm) |

PRODUCT DIMENSIONS



Test

