

Band Pass Filter

OBP-285000-7000

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

The product name of this Ocean band-pass filter (OBP) is OBP-285000-7000 ,its Center Frequency(F0) is 28.5GHz, its Pass Band Bandwidth is 25 ~ 32GHz, its Pass Band Insertion Loss is $\leq 1.0\text{dB}$,Pass Band VSWR $\leq 1.7:1$ and the Stop Band frequency is $\geq 55\text{dB @ }16\text{GHz}$ $\geq 55\text{dB @ }37.5\text{GHz}$



Electrical Specifications

| Parameters | |
|--------------------------|--|
| Center Frequency(F0) | 28.5GHz |
| Pass Band Frequency | 25 ~ 32GHz |
| Pass Band Insertion Loss | $\leq 1.0\text{dB}$ |
| Pass Band VSWR | $\leq 1.7:1$ |
| Stop Band Attenuation | $\geq 55\text{dB @ }16\text{GHz}$ $\geq 55\text{dB @ }37.5\text{GHz}$ |
| Impedance | 50 ohms |
| Power | $\leq 2\text{W}$ |
| Surface Finish | Black Paint |
| Connectors | 2.92mm-Female |
| Temperature Range | $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$ |
| Net weight | 0.032 KG |
| Configuration | As Below (Size Unit: mm) |

PRODUCT DIMENSIONS

