

Band Pass Filter

OBP-33000-14000

Ocean Microwave Comb 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-33000-14000,it's Center Frequency(F0) is 33GHz, it's Pass Band Bandwidth is 26~40GHz ,it's Pass Band Insertion Loss is ≤ 1.2 dB,Pass Band ReturnLoss is ≥ 17 dB ,Pass Band VSWR is , and the Stop Band frequency is ≥ 80 dB @ DC~24000MHz ≥ 45 dB @24000~25000MHz ≥ 35 dB @41000~42300MHz ≥ 80 dB @42300~43000MHz ≥ 40 dB @43000~47000MHz.



Electrical Specifications

S/N	Item	Parameters
1	Center Frequency(F0)	33GHz
2	Pass Band Frequency	26 ~ 40GHz
3	Pass Band Insertion Loss	≤ 1.2 dB
4	Pass Band Ripple	≤ 0.5 dB
5	Pass Band Return Loss	≥ 17 dB
6	Stop Band Rejection	≥ 80 dB @ DC ~ 24000MHz ≥ 45 dB @ 24000 ~ 25000MHz ≥ 35 dB @ 41000 ~ 42300MHz ≥ 80 dB @ 42300 ~ 43000MHz ≥ 40 dB @ 43000 ~ 47000MHz
7	Impedance	50 Ohms
8	Power Handling	5W Max.
9	Connectors	2.92mm(K)-Female
10	Surface Finish	Painted Black
11	Temperature Range	-30°C ~ +70°C
12	Material	Housing: H62 Copper alloy Connectors: Stainless Steel Cover: H62 Copper alloy Other screw: Stainless Steel Tuning screw: H62 Copper alloy
13	Dimensions	70*16*9mm
14	Net weight	0.075 KG

PRODUCT DIMENSIONS

