

Band Pass Filter OBP-275000-1000

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-275000-1000 ,its Center Frequency(F0) is 27.5GHz , its Pass Band Bandwidth is 1.0GHz (27 ~ 28GHz) , its Pass Band Insertion Loss is ≤ 1.5 dB, and its Pass Band VSWR is $\leq 1.5:1$. Its Stop Band frequency is ≥ 30 dB @ DC ~ 26GHz ≥ 30 dB @ 29 ~ 35GHz.



Electrical Specifications

Parameters	
Center Frequency (F0)	27.5GHz
1dB Pass Band Bandwidth	1.0GHz (27~28GHz)
Pass Band Insertion Loss	≤ 1.5 dB
Pass Band VSWR	$\leq 1.5:1$
Stop Band Rejection	≥ 30 dB @ DC~26GHz ≥ 30 dB @ 29~35GHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	2.92mm(K)-Female
Surface Finish	Black Paint
Temperature Range	-30°C ~ +70°C
Net Weight	0.0402 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS

