

Cavity Band Pass Filter

OBP-2870-100

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.

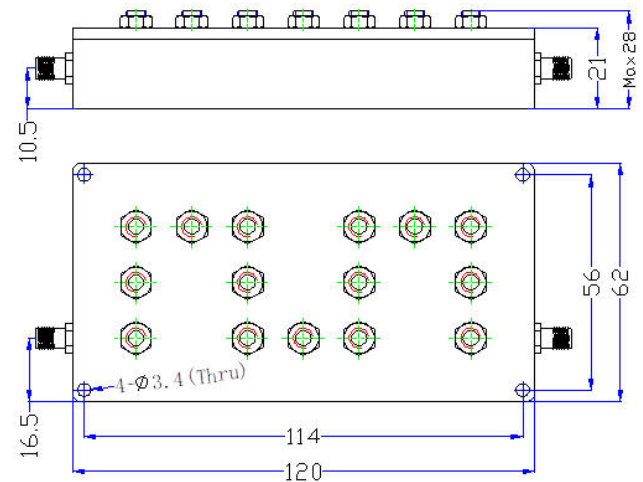


The product name of this Ocean band-pass filter (OBP) is OBP-2870-100, its Center Frequency(F0) is 2870MHz, its Pass Band Bandwidth is 2820 ~ 2920MHz, its Pass Band Insertion Loss is ≤ 1.5 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 2800MHz & 2940 ~ 6000MHz. The Stop Band Rejection is ≥ 30 dB

Electrical Specifications

Center Frequency (F0)	2870MHz
Pass Band Frequency	2820 ~ 2920MHz
Pass Bands Insertion Loss	≤ 1.0 dB @ 2870MHz ≤ 1.5 dB @ 2820 ~ 2920MHz
Pass Bands VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 30 dB @ DC ~ 2800MHz ≥ 30 dB @ 2940 ~ 6000MHz
Impedance	50 ohms
Surface Finish	Black Paint
Power Handling	≤ 10 W
Connectors	SMA-Female
Net Weight	0.25 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

