

Cavity Band Pass Filter

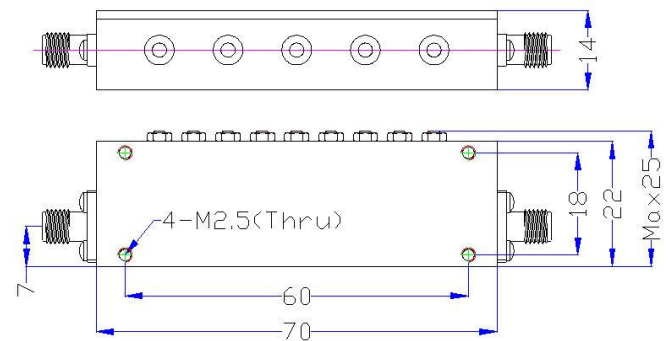
OBP-2856-40

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-2856-40, its Center Frequency(F0) is 2856MHz, its Pass Band Bandwidth is 2836 ~ 2876MHz, its Pass Band Insertion Loss is ≤ 2.0 dB, and its Pass Band VSWR is $\leq 1.2:1$. Its Stop Band frequency is DC ~ 2631MHz & 3081 ~ 6000MHz. The Stop Band Rejection is: ≥ 40 dB



PRODUCT DIMENSIONS



Electrical Specifications

Center Frequency (F0)	2856MHz
Pass Band Frequency	40MHz (2836 ~ 2876MHz)
Pass Band Insertion Loss	≤ 2.0 dB
Pass Band VSWR	$\leq 1.2:1$
Pass Band Delay	≤ 20 ns
Stop Band Rejection	≥ 40 dB @ F0 ± 125 MHz (2731MHz、2981MHz) ≥ 60 dB @ F0 ± 225 MHz (DC ~ 2631MHz、3081 ~ 6000MHz)
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-20 $^{\circ}$ C ~ +60 $^{\circ}$ C
Net Weight	0.045 KG

Test

