

Cavity Band Pass Filter

OBP-13625-1750

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.

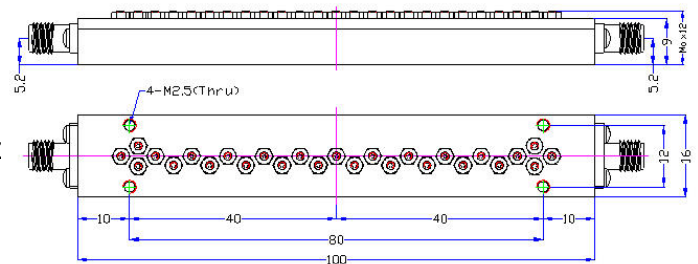
The product name of this Ocean band-pass filter (OBP) is OBP-13625-1750, its Center Frequency(F0) is 13.625GHz, its Pass Band Bandwidth is 12.75 ~ 14.50GHz, its Pass Band Insertion Loss is ≤ 1.0 dB, and its Pass Band VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 12350MHz, 14900 ~ 20000MHz. The Stop Band Rejection is ≥ 50 dB



Electrical Specifications

Center Frequency (F0)	13625MHz
Pass Band Frequency	12750 ~ 14500MHz
Insertion Loss at F0	≤ 1.0 dB @ 13625MHz
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	≥ 50 dB @ DC ~ 12350MHz ≥ 50 dB @ 14900 ~ 20000MHz
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	-30°C ~ +70°C
Net Weight	0.095 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

