

Cavity Band Pass Filter

OBP-11770-1500

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.

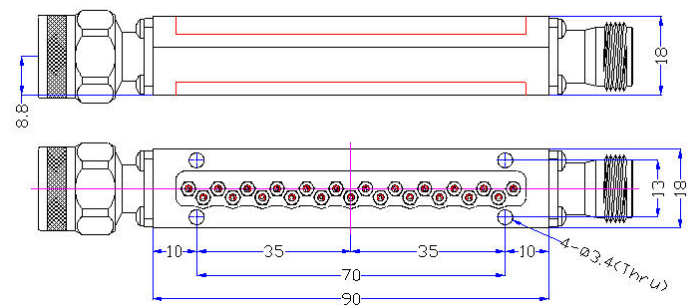
The product name of this Ocean band-pass filter (OBP) is OBP-11770-1500,its Center Frequency(F0) is 11.75MHz, its Pass Band Bandwidth is 11 ~ 12.5GHz, its Pass Band InsertionLoss is ≤ 1.5 dB, and its PassBand VSWR is $\leq 1.3:1$. Its Stop Band frequency is DC ~ 10.5GHz $\& 13 \sim 18$ GHz. The Stop Band Rejection is: ≥ 60 dB



Electrical Specifications

Center Frequency(F0)	11.75GHz
Pass Band Frequency	11 ~ 12.5GHz
Pass Band Insertion Loss	≤ 1.5 dB
Pass Band Ripple	≤ 0.8 dB
Pass Band VSWR	$\leq 1.3:1$
Pass Band Delay	≤ 7.0 ns
Stop Band Rejection	≥ 60 dB @ DC ~ 10.5GHz ≥ 60 dB @ 13 ~ 18GHz
Impedance	50 ohms
Power Handling	≤ 10 W
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	0°C ~ +50°C
Net Weight	0.15 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

