

Cavity Notch Filter

OBR-1745-70

Ocean Microwave Bandstop Filters (Ocean Bandstop Filters , abbreviation : OBR) refer to filters that can pass through most frequency but attenuate some range of frequency to extremely low levels, which is opposite to the concept of band-pass filters. Among them, the notch filter is a special band-stop filter with a very small stop band range and a very high Q Factor.

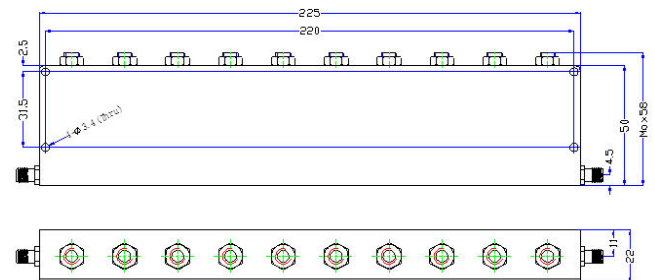
The product name of this Ocean Bandstop Filters (OBR) is OBR-1745-70, its Stop Band Frequency is 1710 ~ 1780MHz , Stop Band attenuation is ≥ 40 dB, its Pass Band Frequency is DC ~ 1680MHz & 1810 ~ 4000MHz, and its Pass Band Insertion Loss is ≤ 1.5 dB. Its Pass Band VSWR is $\leq 1.5:1$



Electrical Specifications

Stop Band Frequency	1710 ~ 1780MHz
Stop Band Attenuation	≥ 40 dB
Pass Band Frequency	DC ~ 1690MHz & 1800 ~ 4000MHz
Pass Band Insertion Loss	≤ 1.5 dB @ DC ~ 1680MHz & 1810 ~ 4000MHz ≤ 2.5 dB @ 1680 ~ 1690MHz & 1800 ~ 1810MHz
Pass Band VSWR	$\leq 1.5:1$
Impedance	50 ohms
Power Handling	≤ 50 W
Connectors	SMA-Female
Surface Finish	Black Paint
Operating Temperature	-30 °C ~ +60 °C
Net Weight	0.47 KG
Configuration	As Below (Size Unit: mm)

PRODUCT DIMENSIONS



Test

