

Band Pass Filter

OBP-1842-75

Ocean Microwave band-pass filter (Ocean band-pass filter , abbreviation : OBP) is a filter that allows waves of specific frequency band to pass through while rejecting other frequency bands.

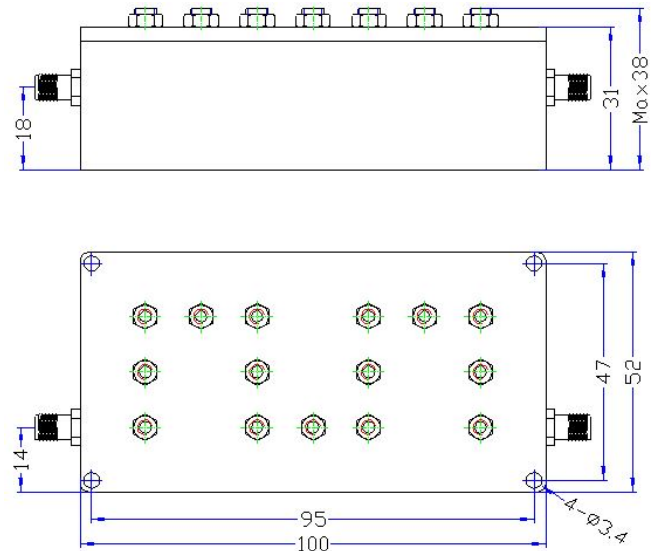
The product name of this Ocean band-pass filter (OBP) is OBP-1842-75, its Center Frequency(F0) is1.8425GHz, its Pass Band Bandwidth is 1.805-1.88GHz, its Pass Band Insertion Loss is 1.5dB, and its Pass Band VSWR is1.4. Its Stop Band frequency is DC-1.2GHz &2.4-3GHz. The Stop Band Rejection is 70dB.



Electrical Specifications

Pass Band Frequency	1805 ~ 1880MHz (F0=1842.5MHz)
Insertion Loss	≤1.5dB
Ripple in Band	≤1.0dB
Return Loss	≥18dB
Rejection	≥70dB @ DC ~ 1200MHz ≥40dB @ 1200 ~ 1785MHz ≥40dB @ 1920 ~ 2400MHz ≥70dB @ 2400 ~ 3000MHz
Impedance	50 ohms
Power	20 W
Surface Finish	Black Paint
Connectors	SMA-Female
Net Weight	0.27 KG

PRODUCT DIMENSIONS



Test

