

Cavity Band Pass Filter

OBP-28000-800

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.

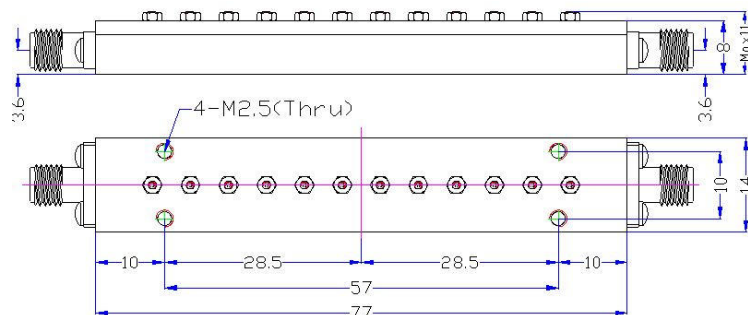
The product name of this Ocean band-pass filter (OBP) is OBP-28000-800, its Center Frequency(F0) is 28GHz, its Pass Band Bandwidth is 27.6 ~ 28.4GHz, its Pass Band Insertion Loss is ≤ 4.0 dB, and its Pass Band VSWR is $\leq 1.5:1$. Its Stop Band frequency iDC ~ 27.4GHz, 28.6 ~ 35GHz. The Stop Band Rejection is ≥ 30 dB



Electrical Specifications

Center Frequency (F0)	28GHz
Pass Band Frequency	0.8GHz (27.6 ~ 28.4GHz)
Pass Band Insertion Loss	≤ 4.0 dB
Pass Band VSWR	$\leq 1.5:1$
Stop Band Rejection	≥ 30 dB @ $F_c \pm 200$ MHz (DC ~ 27.4GHz, 28.6 ~ 35GHz)
Impedance	50 ohms
Power Handling	≤ 5 W
Connectors	2.92mm(K)-Female
Surface Finish	Black Paint
Temperature Range	$-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$
Net Weight	0.063 KG

PRODUCT DIMENSIONS



Test

