

# Cavity Band Pass Filter

## OBP-1715-160

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.

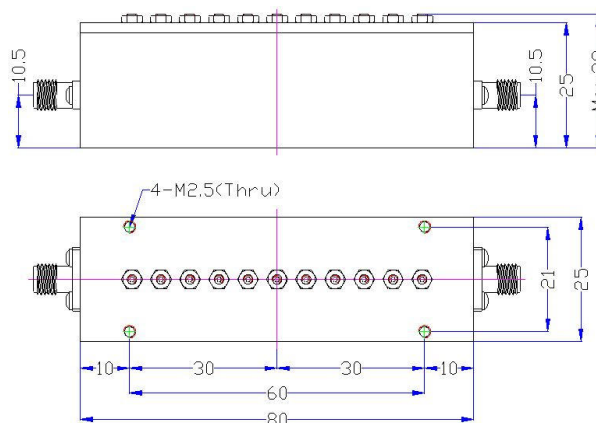
The product name of this Ocean band-pass filter (OBP) is OBP-1715-160, its Center Frequency(F0) is 1715MHz, its Pass Band Bandwidth is 1635 ~ 1795MHz, its Pass Band Insertion Loss is  $\leq 1.0\text{dB}$ , and its Pass Band VSWR is  $\leq 1.3:1$ . Its Stop Band frequency is DC ~ 1530MHz & 1900 ~ 3000MHz. The Stop Band Rejection is:  $\geq 30\text{dB}$



### Electrical Specifications

Center Frequency (F0)	1.715GHz
Pass Band Frequency	0.16GHz (1.635 ~ 1.795GHz)
Pass Band Insertion Loss	$\leq 1.0\text{dB}$
Pass Band Flatness	$\leq 0.8\text{dB}$
Pass Band VSWR	$\leq 1.3:1$
Stop Band Rejection	$\geq 30\text{dB}$ @ DC ~ 1.53GHz $\geq 30\text{dB}$ @ 1.9 ~ 3.0GHz
Impedance	50 ohms
Power Handling	$\leq 5\text{W}$
Connectors	SMA-Female
Surface Finish	Black Paint
Temperature Range	$-30\text{ }^{\circ}\text{C} \sim +70\text{ }^{\circ}\text{C}$
Net Weight	0.09 KG

### PRODUCT DIMENSIONS



### Test

