

## Band Pass Filter OBP-430000-6000

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

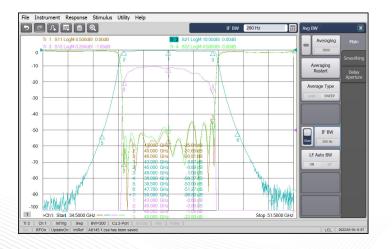
The product name of this Ocean band-pass filter (OBP) is OBP-430000-6000 ,its Center Frequency(F0) is 43GHz, its Pass Band Bandwidth is 40~46GHz, its Pass Band Insertion Loss is  $\leq$ 1.3dB,Pass Band VSWRand the Stop Band

frequency is≥80dB @DC~36GHz≥40dB @36~38.5GHz≥40dB @47.7~50GHz≥80dB @50~58GHz



## **Electrical Specifications**

Item	Parameters	
Center Frequency(F0)	43GHz	
Pass Band Frequency	40 ~ 46GHz	
Pass Band Insertion Loss	≤1.3dB	
Pass Band Ripple	≤0.55dB	
Pass Band Return Loss	≥17dB	
Stop Band Rejection	≥80dB @ DC ~ 36GHz	≥40dB @ 47.7 ~ 50GHz
	≥40dB @ 36 ~ 38.5GHz	$\geq$ 80dB @ 50 ~ 58GHz
Impedance	50 Ohms	
Power Handling	5W Max.	
Connectors	2.4mm(Q)-Female	
Surface Finish	Painted Black	
Temperature Range	-30°C ~ +70°C	
Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
Dimensions	40*16*8mm	·
Net weight	0.042 KG	·



## **PRODUCT DIMENSIONS**

