Product Datasheet Product ID:OBP-375000-5000(NO.2)

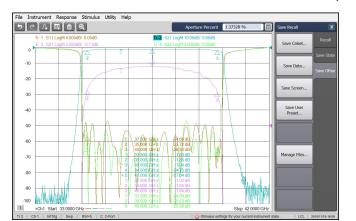
Band Pass Filter OBP-375000-5000(NO.2)

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-375000-5000(NO.2), its Center Frequency(F0) is 37.5GHz, its Pass Band Bandwidth is 35 ~ 40GHz, its Pass Band Insertion Loss is \leq 2.0dB. Its Stop Bandfrequency is \geq 80dB @ DC ~ 34GHz \geq 80dB @ 41 ~ 54GHz.

Electrical Specifications

Item	Parameters	
Center Frequency(F0)	37.5GHz	
Pass Band Frequency	35 ~ 40GHz	
Pass Band Insertion Loss	≤2.0dB	
Pass Band Ripple	≤1.1dB	
Pass Band Return Loss	≥15dB	
Stop Band Rejection	≥80dB @ DC ~ 34GHz	≥80dB @ 41 ~ 54GHz
Impedance	50 Ohms	
Power Handling	5W Max.	
Connectors	2.92mm(K)-Female	
Surface Finish	Painted Black	
Temperature Range	$-30^\circ\!\mathrm{C} \sim +70^\circ\!\mathrm{C}$	
Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
Dimensions	90*16*8mm	
Net weight	0.08 KG	





1/1 Rev JUN-2017

PRODUCT DIMENSIONS

