1/1 Rev JUN-2017

-Ch1: Start 25.0000 GHz

-90.0

100.00

www.ecmicrowave.com

Band Pass Filter

OBP-310000-3400

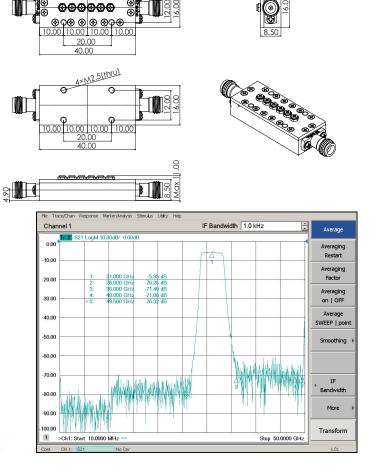
Ocean Microwave band-pass filter (Ocean band-pass filter ,, abbreviation : abbreviation : OBP) is a filter that allows waves of specific frequency band to pass through while rejecting other frequency bands.

The product name of this Ocean band-pass filter (OBP) is OBP-310000-3400,its Center Frequency(F0) is 31GHz, its Pass Band Bandwidth is 3.4GHz (29.3 ~ 32.7GHz), itsPass Band Insertion Loss is \leq 0.7dB. Its Stop Bandfrequency is \geq 70dB @ DC ~ 26GHz \geq 55dB @ 36 ~ 48GHz.

Electrical Specifications

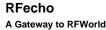
Item	Parameters	
Center Frequency(F0)	31GHz	
Pass Band Bandwidth	3.4GHz (29.3 ~ 32.7GHz)	
Pass Band Insertion Loss	≤0.7dB	
Pass Band Ripple	≤0.15dB	
Pass Band Return Loss	≥18dB	
Stop Band Rejection	≥70dB @ DC ~ 26GHz	≥55dB @ 36~48GHz
Impedance	50 Ohms	
Power Handling	5W Max.	
Connectors	2.92mm(K)-Female	
Surface Finish	Painted Black	
Temperature Range	$-30^{o}C \sim +70^{o}C$	
Material	Housing: H62 Copper alloy	Connectors: Stainless Steel
	Cover: H62 Copper alloy	Other screw: Stainless Steel
	Tuning screw: H62 Copper alloy	
Dimensions	40*16*8.5mm	
Net weight	0.04 KG	

PRODUCT DIMENSIONS

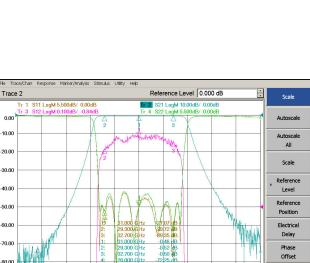


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-0|49 dB 27 54 dB 28 54 dB 33.16 dB More

Transform

Stop 37.0000 GH:

