1/1 Rev JUN-2017

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Band Pass Filter OBP-285000-3020

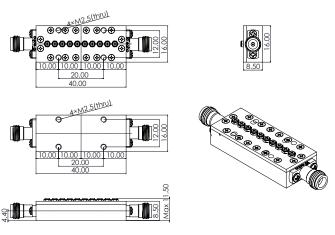
Ocean Microwave band-pass filter (Ocean band-pass filter ,, abbreviation : abbreviation : OBP) is a filter that allows waves of specific frequency band to pass through while rejecting other frequency bands.

The product name of this Ocean band-pass filter (OBP) is OBP-285000-3020 , its Center Frequency(F0) is 28.5GHz , its Pass Band Bandwidth is 126.99 ~ 30.01GHz , its Pass Band Insertion Loss is \leq 1.0dB, and its Pass Band VSWR is \leq 1.28:1 . Its Stop Band frequency is \geq 40dB @ DC ~ 26GHz \geq 40dB @ 31 ~ 52GHz.

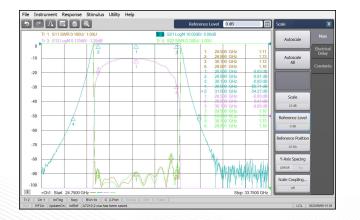
Electrical Specifications

Item	Parameters	
Center Frequency(F0)	28.5GHz	
Pass Band Frequency	26.99 ~ 30.01GHz	
Pass Band Insertion Loss	≤1.0dB	
Pass Band Ripple	≤0.4dB	
Pass Band VSWR	≤1.28:1	
Stop Band Attenuation	\geq 40dB @ DC ~ 26GHz	≥40dB @ 31 ~ 52GHz
Impedance	50 Ohms	
Power Handling	5W Max.	
Connectors	2.92mm(K)-Female	
Surface Finish	Painted Black	
Temperature Range	$-30^{\circ}C \sim +70^{\circ}C$	
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	0.041 KG	

PRODUCT DIMENSIONS



Reference Level 0







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