

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 ≤ 0.7 dB. Its Stop Bandfrequency is ≥ 70 dB @ DC ~ 26GHz ≥ 55 dB @ 36 ~ 48GHz.

Electrical Specifications

Item	Parameters
Center Frequency(F0)	31GHz
Pass Band Bandwidth	3.4GHz (29.3 ~ 32.7GHz)
Pass Band Insertion Loss	≤ 0.7 dB
Pass Band Ripple	≤ 0.15 dB
Pass Band Return Loss	≥ 18 dB
Stop Band Rejection	≥ 70 dB @ DC ~ 26GHz ≥ 55 dB @ 36 ~ 48GHz
Impedance	50 Ohms
Power Handling	5W Max.
Connectors	2.92mm(K)-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*8.5mm
Net weight	0.04 KG

PRODUCT DIMENSIONS

