1/1 Rev JUN-2017

Test

Trace 4

2.00

1.90

1.80

1.70

1.60

1.50

1.40

1.30

1.20

1.10 1.00

CH 1

>Ch1: Start 7.45000 GHz

C 2-Por

1

Cont

Tr 1 S11 SWR 0.100U/ 1.00U 0 Mnn

2

1:

8.450 GHz 8.100 GHz

8.800 GHz

8.450 GHz 8.100 GHz

8 800 GH

7.950 GHz 8.950 GHz

8.100 GHz 8.800 GHz

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The product name of this Ocean band-pass filter (OBP) is OBP-8450-700, its Center Frequency(F0) is 8450MHz, its Pass Band Bandwidth is 8100 ~ 8800MHz, its Pass Band InsertionLoss is≤1.5dB, and its PassBand VSWR is≤1.3:1. Its Stop Band frequency is

## **Electrical Specifications**

Center Frequency (F0)	8450MHz	
Pass Band Frequency	700MHz (8100 ~ 8800M	Hz)
Pass Band Insertion Loss	≤1.5dB	
Pass Band VSWR	≤1.3:1	
Stop Band Rejection	≥20dB @ DC ~ 7950MHz ≥20dB @ 8950 ~ 15000MHz	PRODUCT DIMENSIONS
Impedance	50 ohms	
Power Handling	≤5W	
Connectors	SMA-Female	
Surface Finish	Black Paint	₹ _4-M2.5(Thru) ₹
Temperature Range	-30℃ ~ +70℃	
Net Weight	0.0728 KG	
Configuration	As Below (Size Unit: mm)	-10 25 - 25 - −10 - − 

Marker 1 8.450000000 GHz

2 S21 LogM 10.00dB/ 0.00dB 4 S22 SWR 0.100U/ 1.00U

3

1.02 1.11

1.05

2.40

0.45 dB 0.77 dB

985 dB 551 dB

1.04 1.13

1.09

Save

Save

A4564.1.csa

Save As...

Save Data As..

Auto Save

Manage Files..

Delete Files

User Preset...

Transform

LCL

Step 9.45000 GHz

## **Cavity Band Pass Filter** OBP-8450-700

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.

DC ~ 7950MHz&8950 ~ 15000MHz. The Stop Band Rejection is:≥20dB

## **Product Datasheet** Product ID:OBP-8450-700



