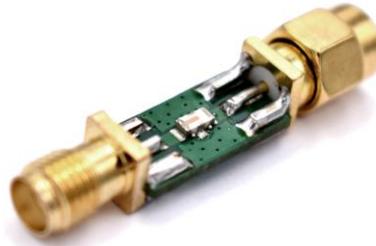


Bandpass Filter 50Ω 4400 to 5200 MHz



General information

Low-loss BPF, Low amplitude ripple, Designed for 50 Ohm Source/Load

Typical applications

Harmonic rejection, Telemetry, Satellite, Mobile, Military and Commercial

Electrical data

Filter type	Ceramic Bandpass Filter			
Passband [MHz]	4400 - 5200			
Frequency [MHz]	4400	4600	4800	5200
Transmission coefficient S21 [dB]	-0.4	-0.36	-0.42	-0.46
Ripple [dB]	0.25			
VSWR	1.5			
Maximum input power [W]	1.5			

Mechanical data

Filter PCB dimensions [mm]	8x 16 x 1
Connector type ¹⁾	SMA male / SMA female ¹⁾
PCB material	FR4

Environmental data

Operating temperature [°C]	-40...+85
Storage temperature [°C]	-40...+85
Ambient relative humidity [%]	0...85
RoHS / REACH compliant	yes / yes

Additional information

¹⁾ Other connector types can be offered on request.

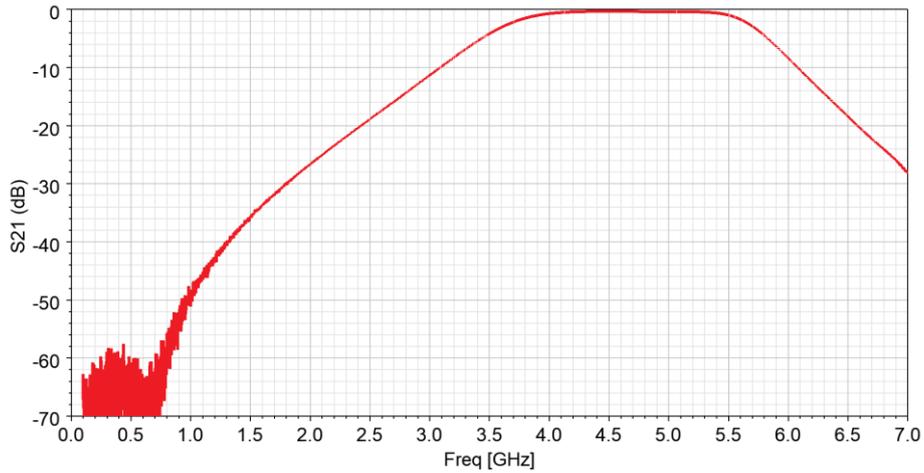
Filter's performance was measured in free space and at normal conditions.

Further customization, electromagnetic simulations and measurements can be offered on request.

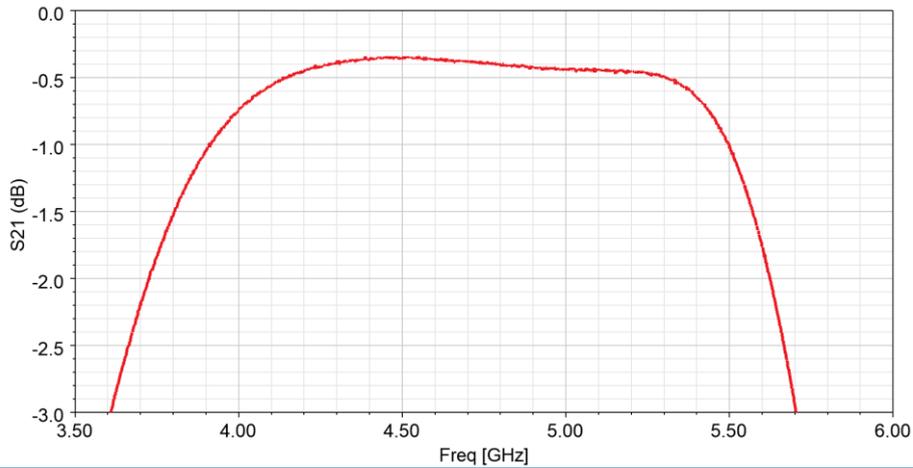
The filter can be additionally equipped with mounting holes.

Bandpass Filter 50Ω 4400 to 5200 MHz

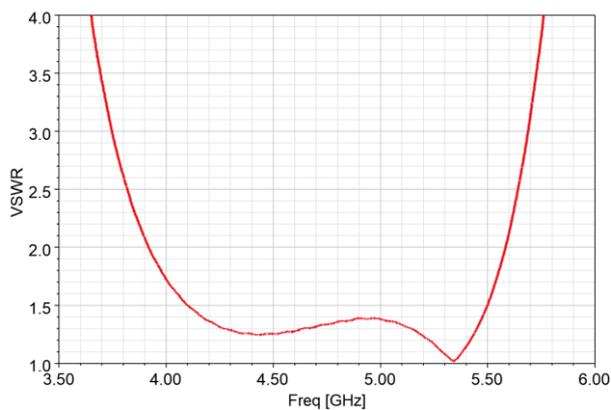
Measured transmission coefficient (wide band plot)



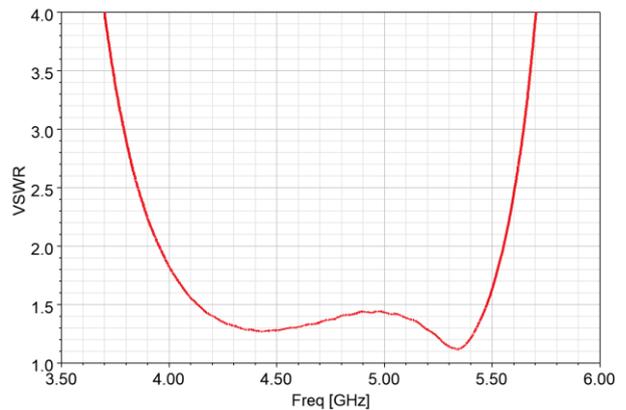
Measured transmission coefficient (narrow band plot)



Measured input/output matching (VSWR)



Input Port



Output Port

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