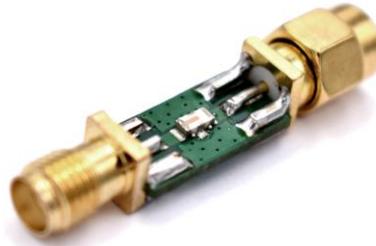


Bandpass Filter 50Ω 1400 to 2320 MHz



General information

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

Typical applications

Harmonic rejection, Telemetry, Transmitters / Receivers , Military

Electrical data

Filter type	Ceramic Bandpass Filter			
Passband [MHz]	1400 - 2320			
Frequency [MHz]	1400	1700	2000	2320
Transmission coefficient S21 [dB]	-1.2	-0.6	-0.6	-1.1
Ripple [dB]	0.6			
VSWR	1.7			
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.

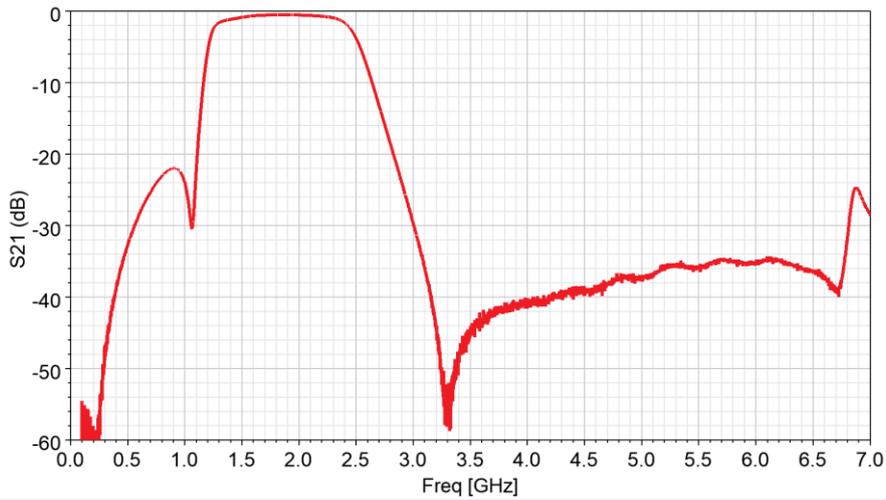
Filter's performance was measured in free space and at normal conditions.

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

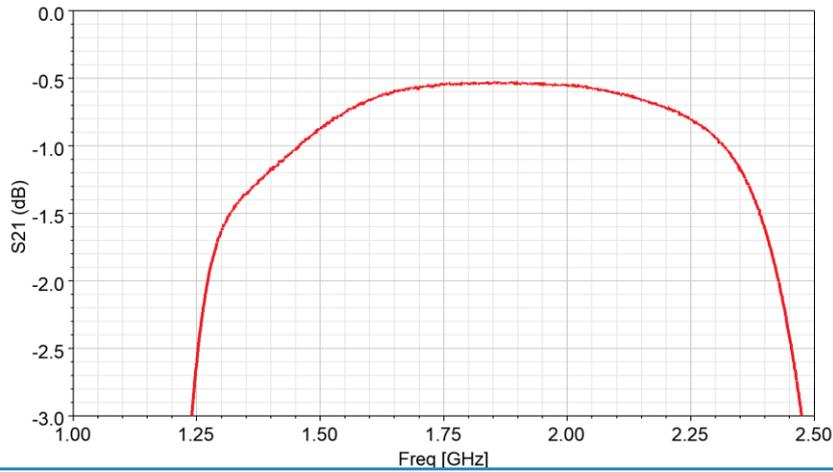
The filter can be additionally equipped with mounting holes.

Bandpass Filter 50Ω 1400 to 2320 MHz

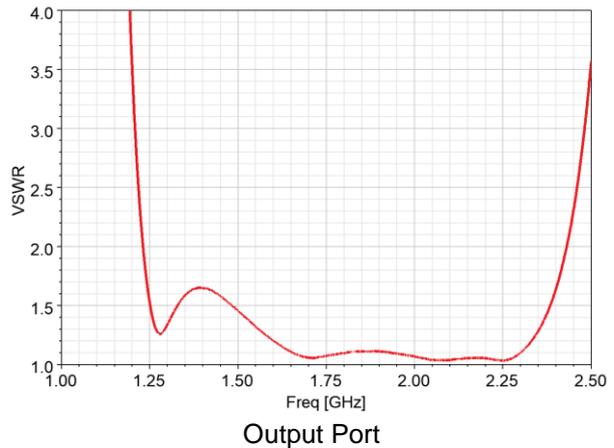
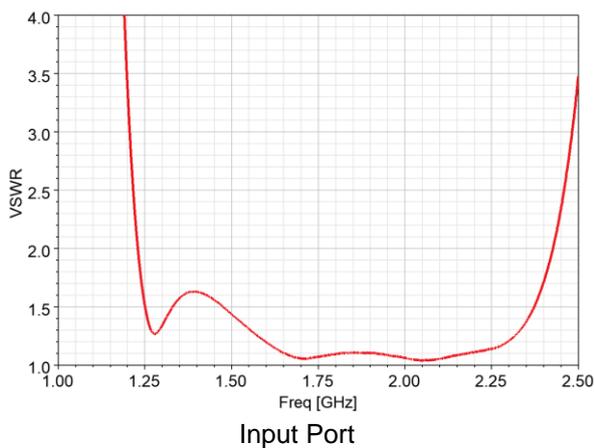
Measured transmission coefficient (wide band plot)



Measured transmission coefficient (narrow band plot)



Measured input/output matching (VSWR)



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