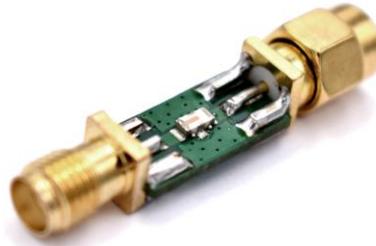


**Bandpass Filter 50Ω 1580 to 2200 MHz**



**General information**

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

**Typical applications**

Harmonic rejection, Telemetry, Transmitters / Receivers , Military

**Electrical data**

Filter type	Ceramic Bandpass Filter			
Passband [MHz]	1580 - 2200			
Frequency [MHz]	1580	1700	2000	2200
Transmission coefficient S21 [dB]	-1.6	-1.5	-1.2	-1.62
Ripple [dB]	0.5			
VSWR	2			
Maximum input power [W]	1.5			

**Mechanical data**

Filter PCB dimensions [mm]	8x 16 x 1
Connector type <sup>1)</sup>	SMA male / SMA female <sup>1)</sup>
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**

<sup>1)</sup> Other connector types can be offered on request.

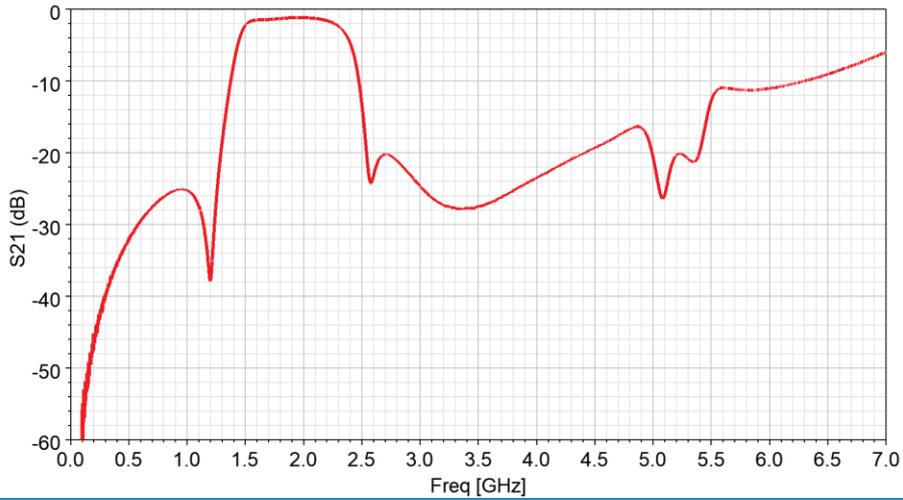
Filter's performance was measured in free space and at normal conditions.

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

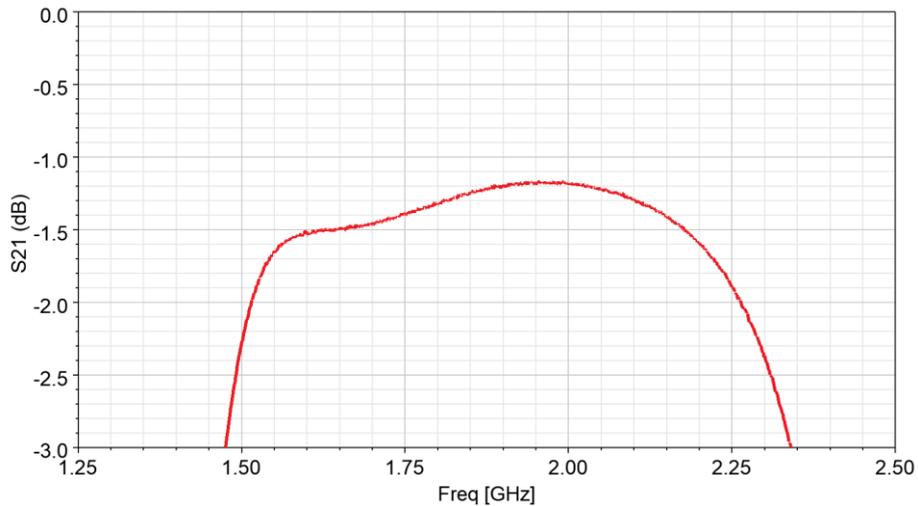
The filter can be additionally equipped with mounting holes.

Bandpass Filter 50Ω 1580 to 2200 MHz

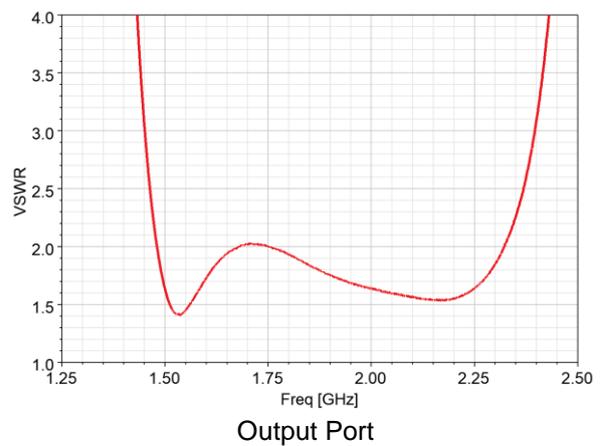
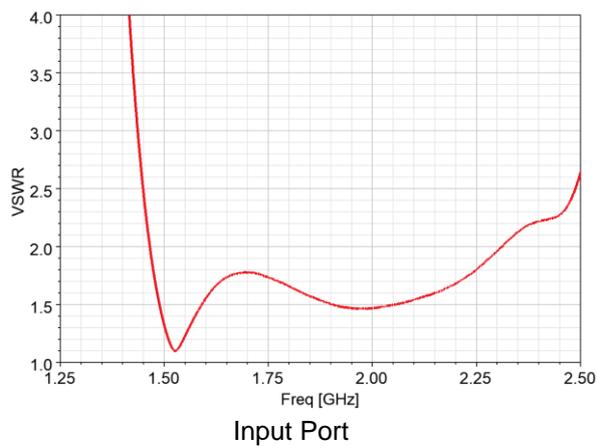
Measured transmission coefficient (wide band plot)



Measured transmission coefficient (narrow band plot)



Measured input/output matching (VSWR)



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