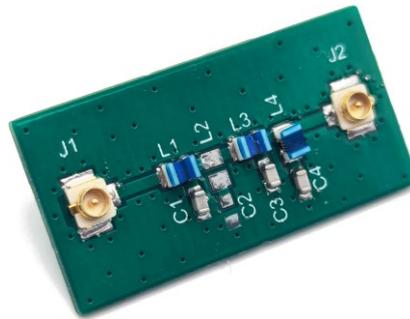


915 MHz PCB Low Pass Filter for Telecommunication



General information

Low-loss 915MHz LPF, Low amplitude ripple, Enhanced 2nd harmonic suppression (1736-1830MHz),
Designed for 50 ohm Source/Load

Typical applications

RF filter for Telecommunication, Remote controller, TBS Crossfire

Electrical data

Filter type	Embedded / internal PCB Filter	
Bands	0...915MHz	
Frequency [MHz]	868	915
Transmission coefficient [dB]	-0.45	-0.45
Ripple [dB]	0.6	
VSWR	1.3	1.1
Maximum input power [W]	-	

Mechanical data

Filter PCB dimensions [mm]	13.2 x 26 x 1
Connector type ¹⁾	U.FL 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.

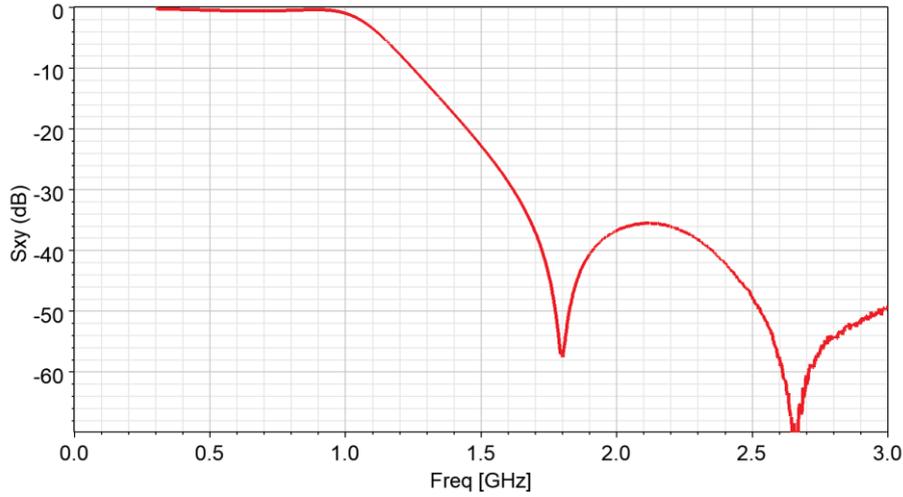
Further customization, electromagnetic simulations and measurements can be offered on request.

The filter can be additionally equipped with mounting holes.

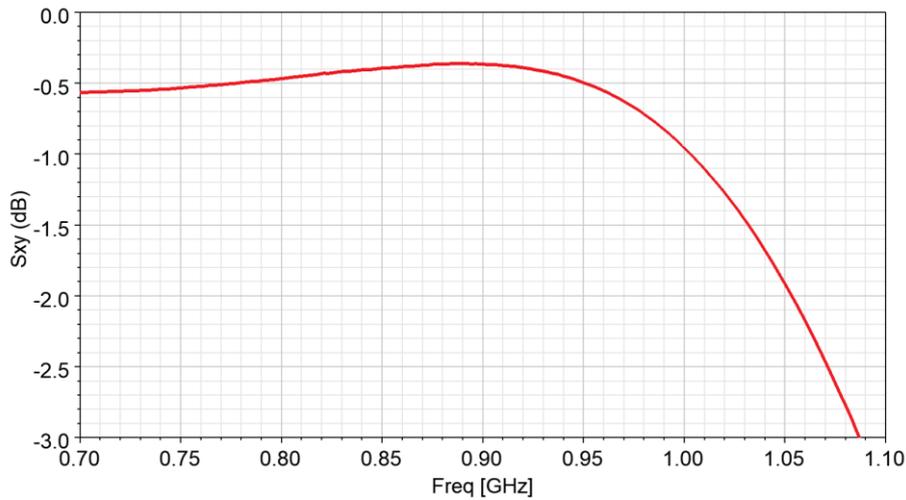
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915 MHz PCB Low Pass Filter for Telecommunication

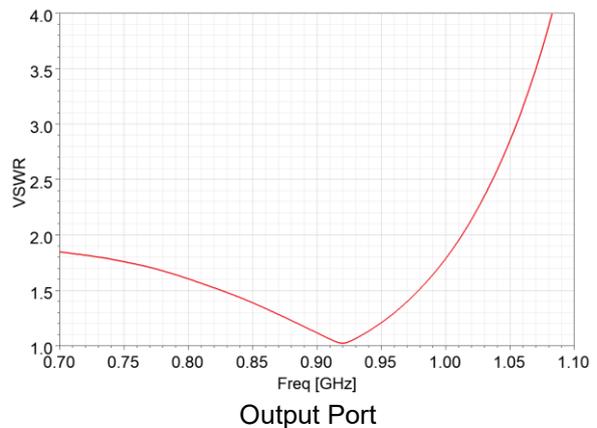
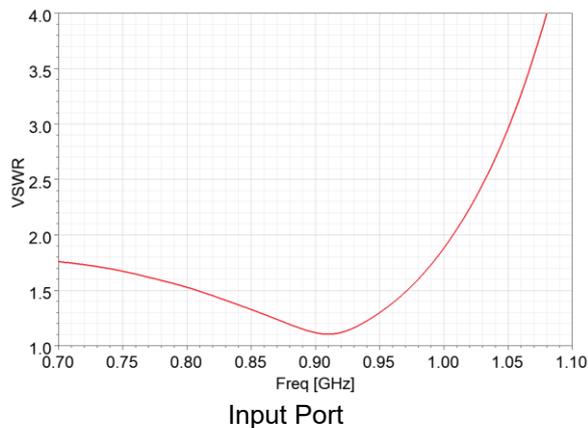
Measured transmission coefficient WB



Measured transmission coefficient NB



Measured input/output matching (VSWR)



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