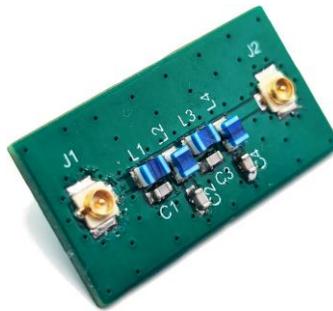


410 – 915 MHz PCB Band Stop Filter for Telecommunication



General information

410MHz...915MHz PCB BSF, Low insertion loss outside rejection band, Designed for 50 ohm Source/Load, Notch Filter – High Q and high rejection

Typical applications

RF filter for Telecommunication, VPF equipment, Remote controller, TBS Crossfire

Electrical data

Filter type	Embedded / internal PCB Filter		
Bands	410MHz...915MHz		
Frequency [GHz]	0.41	0.662	0.915
Transmission coef. [dB]	-8	-20	-20
Maximum input power [W]	-		

Mechanical data

Filter PCB dimensions [mm]	13.2 x 26 x 1
Connector type ²⁾	U.FL ²⁾
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⁾ Design target, for other frequencies see transmission coefficient curve.

²⁾ Other connector types can be offered on request.

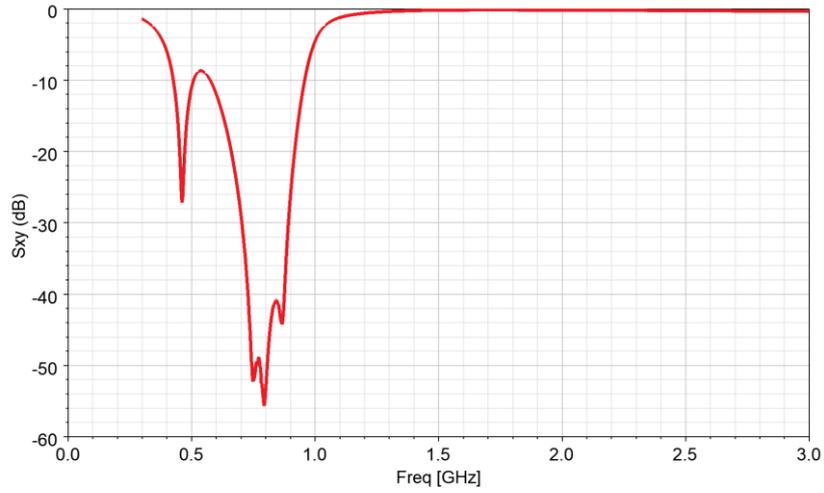
Filter's performance was measured in free space and at normal conditions.

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

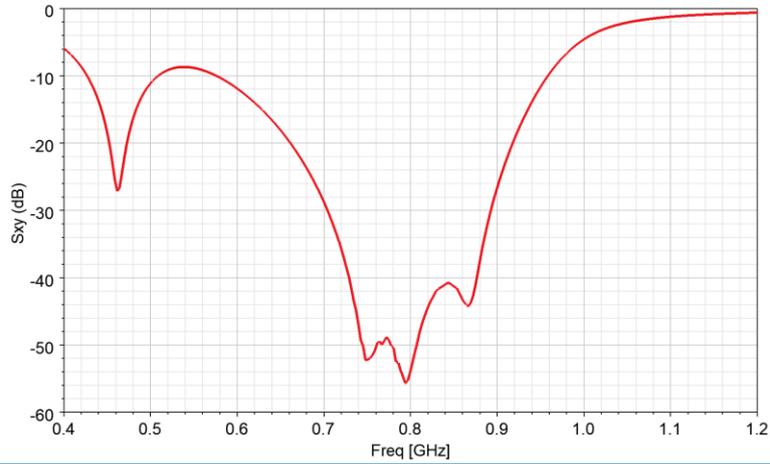
The filter can be additionally equipped with mounting holes.

410 – 915 MHz PCB Band Stop Filter for Telecommunication

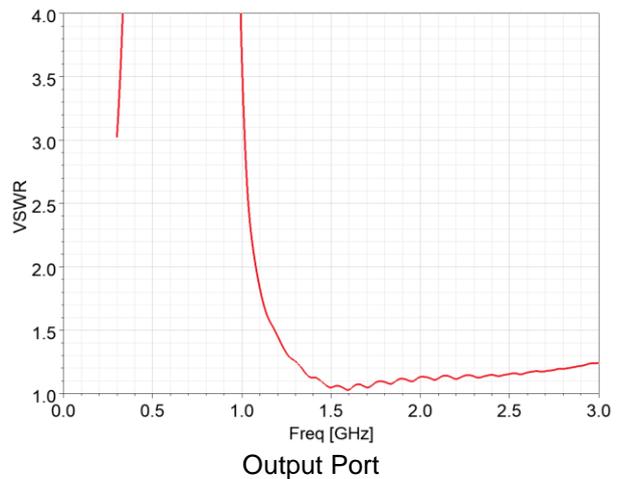
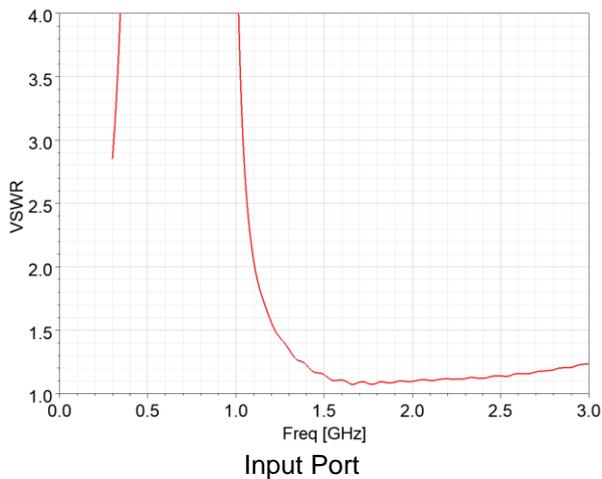
Measured transmission coefficient WB



Measured transmission coefficient NB



Measured input/output matching (VSWR)



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