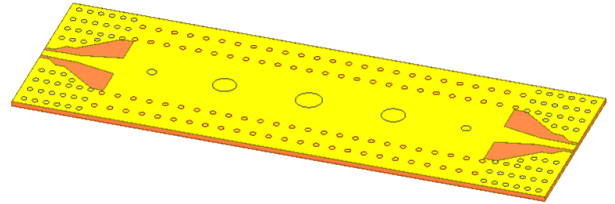


Electrical specifications

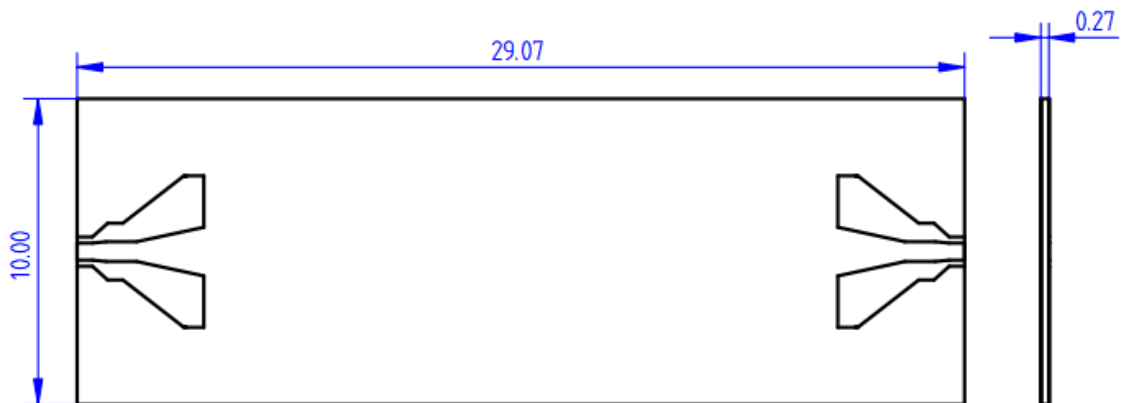
Technology	Printed Circuit Board	
Frequency (f_0)	27.53	[GHz]
Bandwidth	200	[MHz]
Insertion Loss	≤ -2.9	[dB]
Return Loss	≤ -19	[dB]
Rejected band (f_L)	[DC – 26]	[GHz]
Rejection (Low)	-40	[dB]
Rejected band (f_H)	[28.6 – 40]	[GHz]
Rejection (High)	-30	[dB]
Impedance	50	[Ω]
Connector	2.92mm	-



Physical specifications

W x L x H	10 x 29.07 x 0.27	[mm ³]
Weight	-	[g]

Technical Drawing

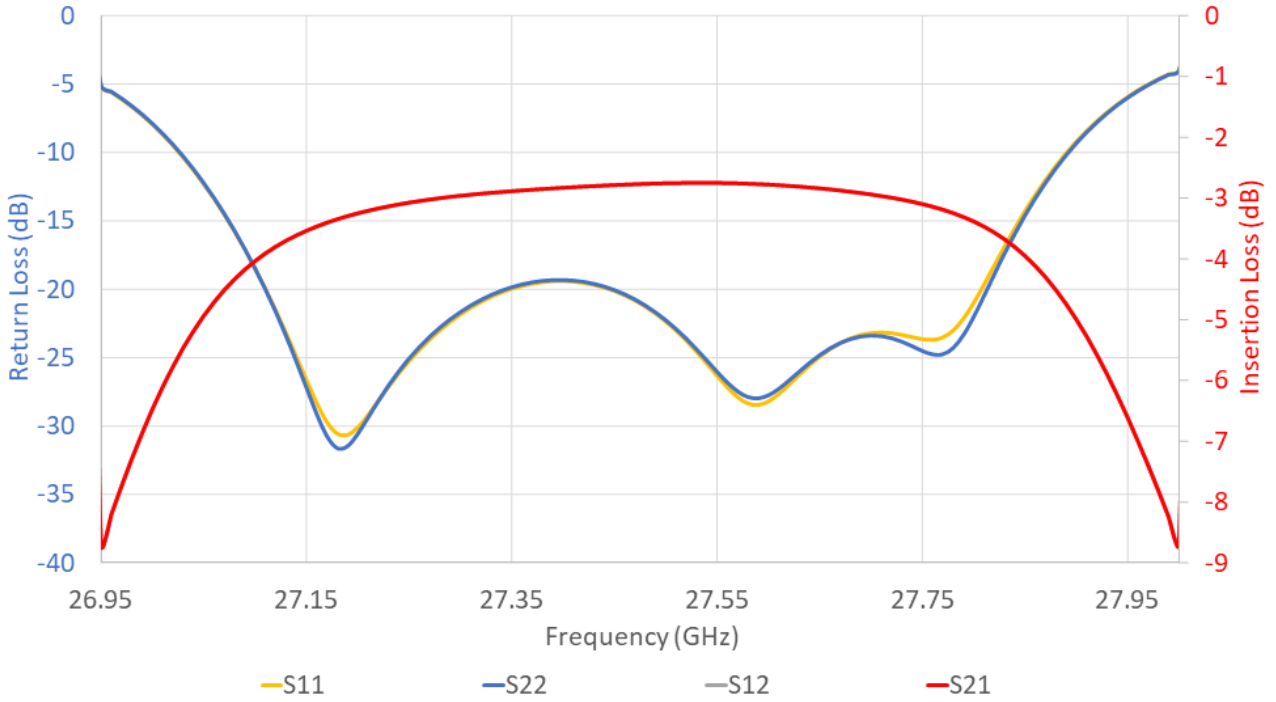




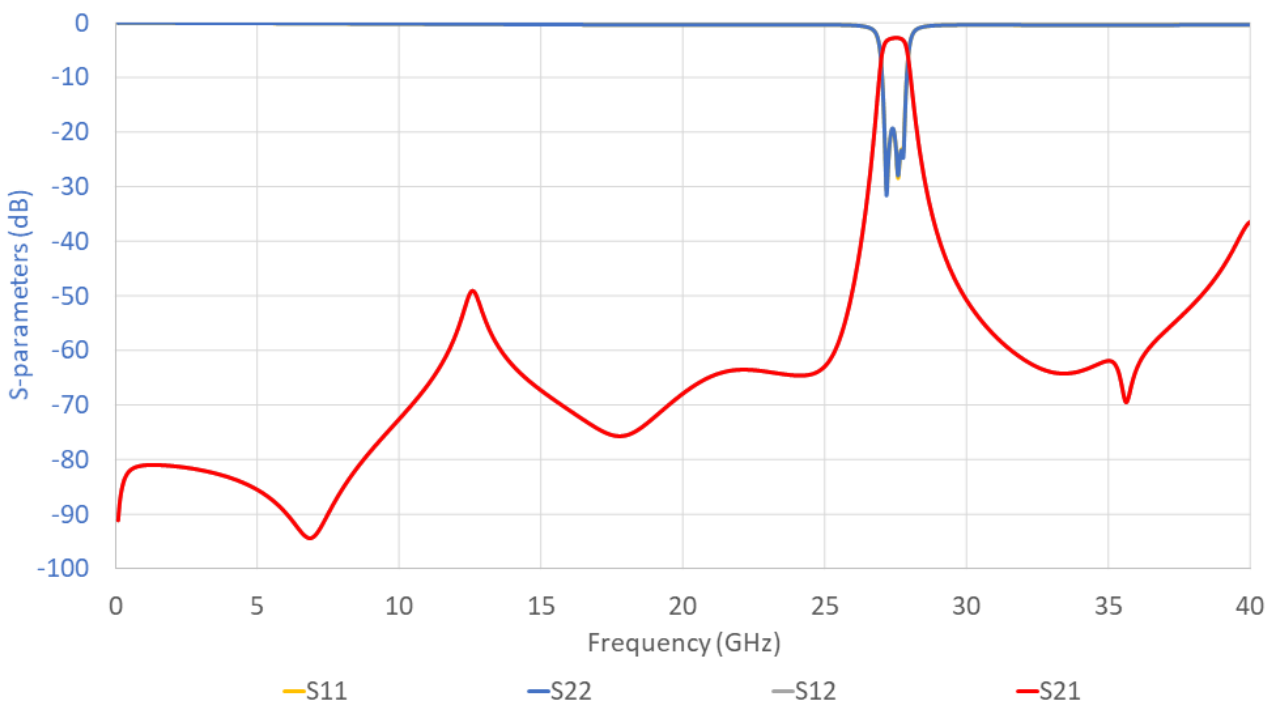
SIW Bandpass Filter

27.43 – 27.63 GHz

In Band Response



Out Of Band Response



Filter

www.elliptika.com
 Tel : 02 98 02 03 40
 Contact@elliptika.com