

# LOW PASS FILTER

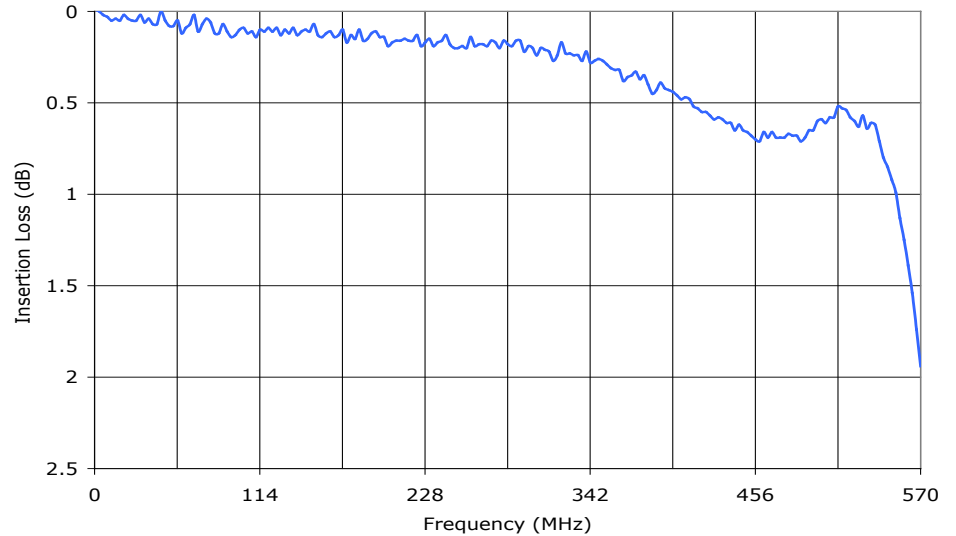
## SURFACE MOUNT MODEL: FLS-570

**CUT-OFF FREQUENCY**

**$F_c = 570 \text{ MHz}$**

**FEATURES:**

- ▶ Low Loss
- ▶ Small Size
- ▶ High Rejection



**SPECIFICATIONS ( Rev. C 06/26/25 )**

<b>Passband</b>	DC - 520 MHz						
<b>3 dB Cut-off Frequency</b>	570 MHz						
<b>Passband Insertion Loss</b>	1.0 dB (Max.)						
<b>Stop Band Frequencies</b>	<table border="1"> <tr><td>@ 995 MHz</td><td>35 dB (Min.)</td></tr> <tr><td>@ 880 MHz</td><td>23 dB (Min.)</td></tr> <tr><td>@ 765 MHz</td><td>20 dB (Min.)</td></tr> </table>	@ 995 MHz	35 dB (Min.)	@ 880 MHz	23 dB (Min.)	@ 765 MHz	20 dB (Min.)
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<b>Power Rating</b>	1 Watt (Max.)						
<b>Impedance</b>	50 Ohms (Nom.)						
<b>VSWR (Passband)</b>	1.7:1 dB (Typ.)						
<b>Operating Temperature Range</b>	-40 to +85 °C						

**Package #** 102SLF-2

**LAYOUT FOR PRINTED CIRCUIT DESIGN**

PORT CONFIGURATION		
Input	Output	Gnd.
1	8	All Other

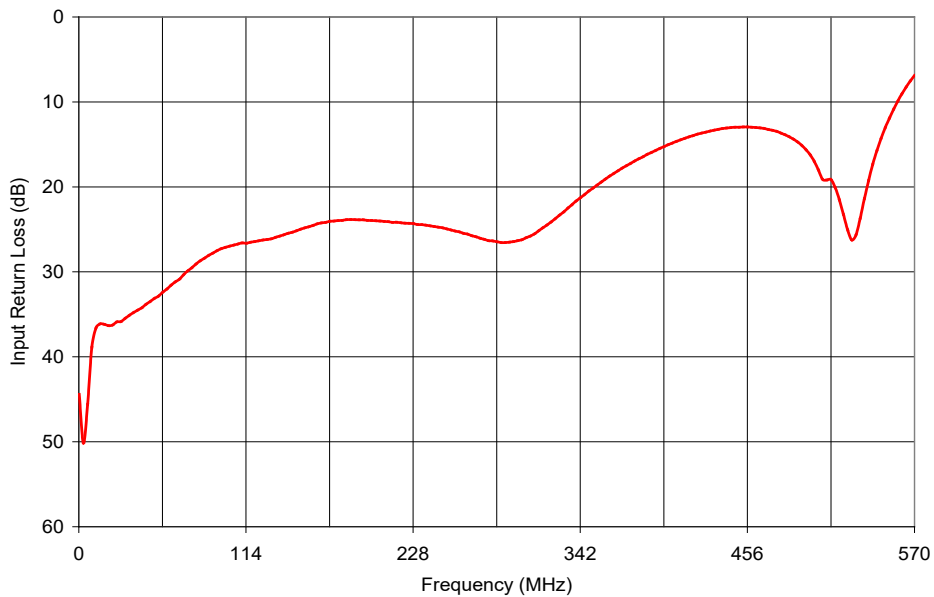
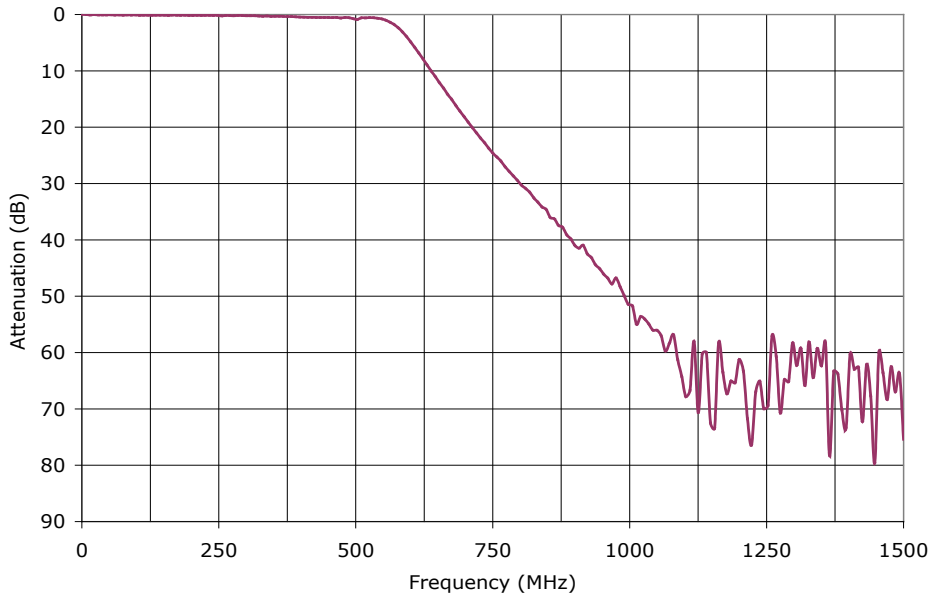
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Data @ 25 °C



PERFORMANCE PLOTS

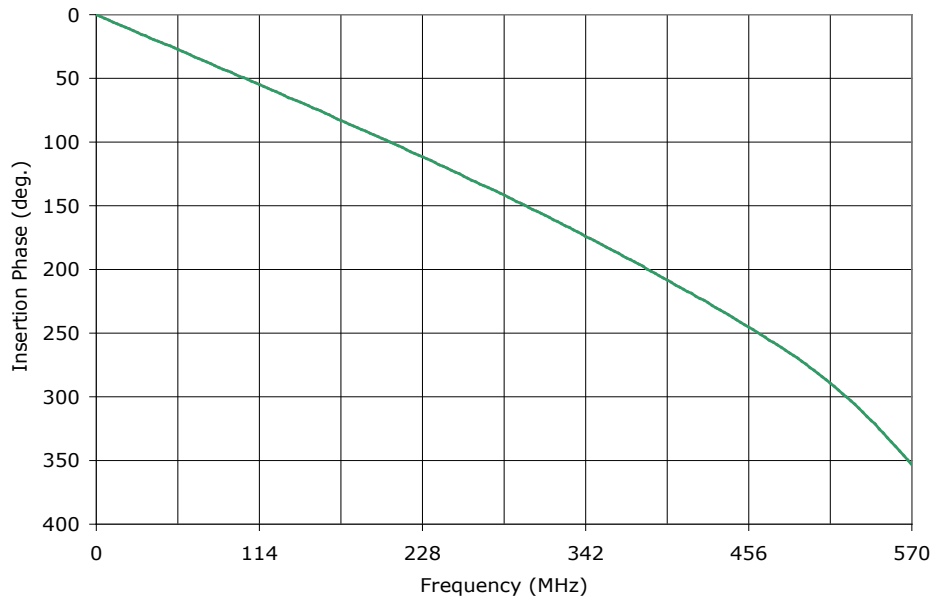
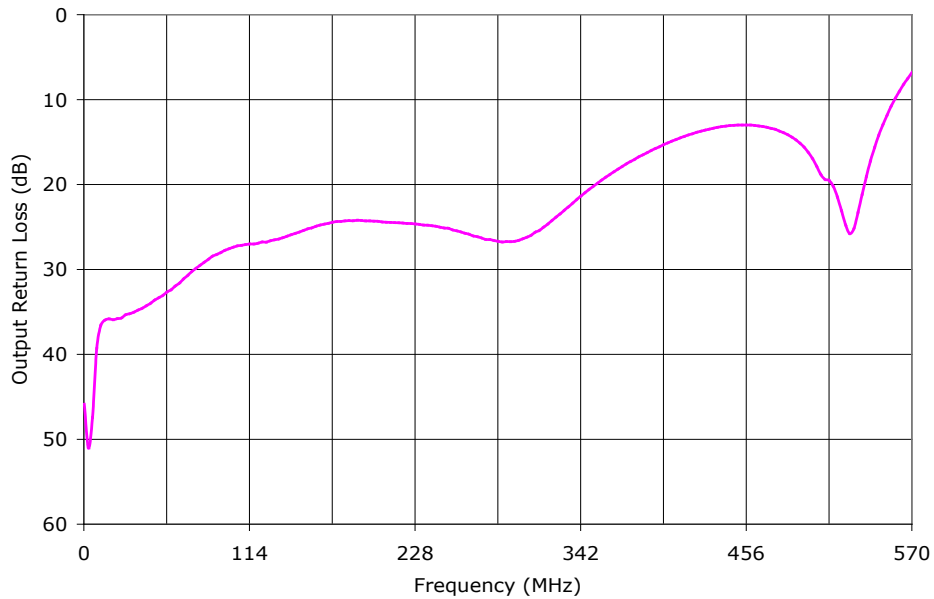
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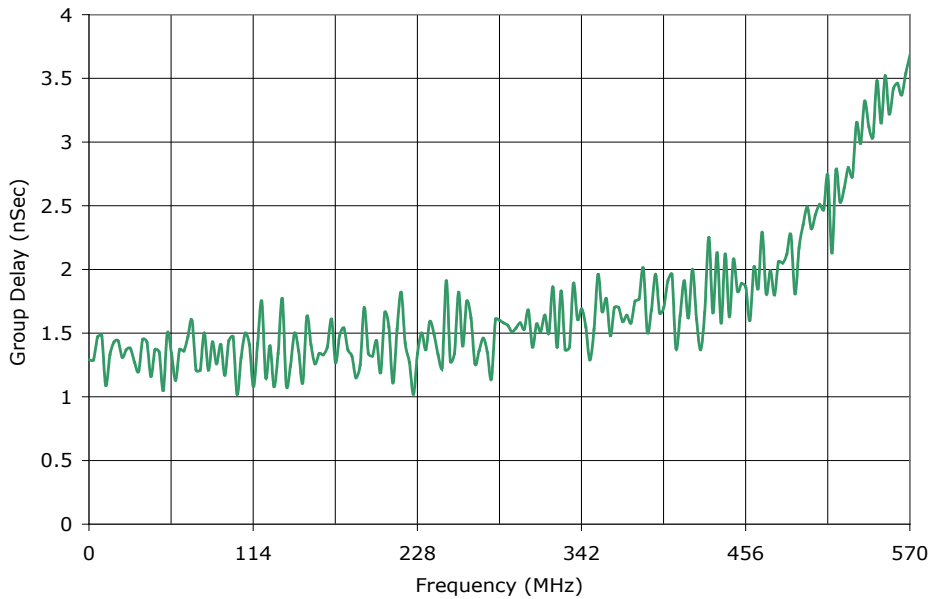
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