

LC Filters Design Tool

[More info \(/lc-filter/description.html\)](/lc-filter/description.html)

NuWaves Engineering

RF Power Amplifiers, RF Frequency Converters & RF Filters Ruggedized, Miniaturized.

Filter Properties

Response

Lowpass

Type

Chebyshev

Topology

Shunt First

Order

3

Cutoff Frequency

550

MHz

Passband Ripple (dB)

.1

Input Impedance (Ω)

55

Output Impedance (Ω)

50

Additional Settings

Component Values

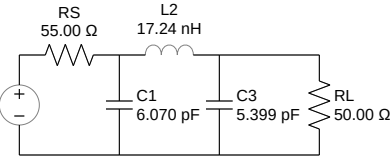
Exact

Compute

Reset (/lc-filter/)

3rd Order Chebyshev Lowpass

Cutoff Frequency = 550.0 MHz
Passband Ripple = 0.1 dB



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Insertion Loss and Return Loss Phase and Group Delay S-Parameters

