

LC Filters Design Tool

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



Filter Properties

Response

Bandpass

Type

Chebyshev

Topology

Conventional, Shunt First

Order

2

Lower Cutoff Frequency

400

MHz

Upper Cutoff Frequency

500

MHz

Passband Ripple (dB)

0.1

Input Impedance ( $\Omega$ )

50

Output Impedance ( $\Omega$ )

36.1

Additional Settings

Component Values

Exact

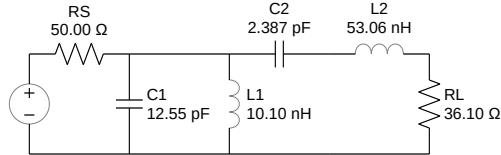
Compute

Reset (/lc-filter/)

2nd Order Modified Chebyshev Bandpass

Lower Cutoff Freq. = 400.0 MHz; Upper Cutoff Freq. = 500.0 MHz

Passband Ripple = 0.1 dB



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Insertion Loss and Return Loss

Phase and Group Delay

S-Parameters

