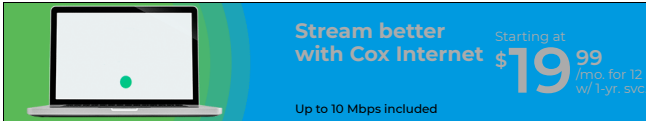


LC Filters Design Tool

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



Filter Properties

Response

Bandpass

Type

Chebyshev

Topology

Conventional, Series First

Order

3

Lower Cutoff Frequency

400

MHz

Upper Cutoff Frequency

500

MHz

Passband Ripple (dB)

0.1

Input Impedance (Ω)

50

Output Impedance (Ω)

36.1

Additional Settings

Component Values

Exact

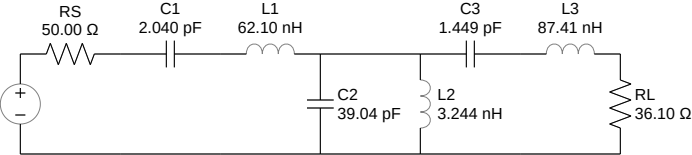
Compute

Reset (/lc-filter/)

3rd Order Chebyshev Bandpass

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

Passband Ripple = 0.1 dB



rf-tools.com | Jul 25, 2020

Insertion Loss and Return Loss

Phase and Group Delay

S-Parameters

