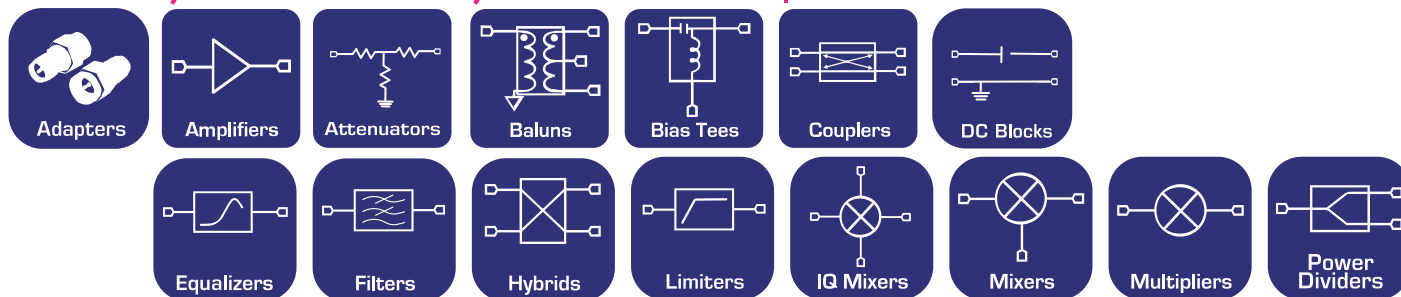


# Bare Die, Surface Mount, Connectorized | DC-125GHz



## Shattering Performance Barriers Since 1991

(<https://www.markimicrowave.com>)

### LC Filter Design Tool

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

#### Filter Properties

Response

Highpass ▼

Type

Chebyshev ▼

Topology

Shunt First ▼

Order

11 ▼

Cutoff Frequency

61

MHz ▼

Passband Ripple (dB)

0.10

Input Impedance ( $\Omega$ )

50

Output Impedance ( $\Omega$ )

50

#### Additional Settings

Component Values

Standard ▼

Capacitor Values

E24 (5% tolerance) ▼

Min. Capacitor Value

1.00

pF ▼

Inductor Values

E24 (5% tolerance) ▼

Min. Inductor Value

1.00

nH ▼

Compute

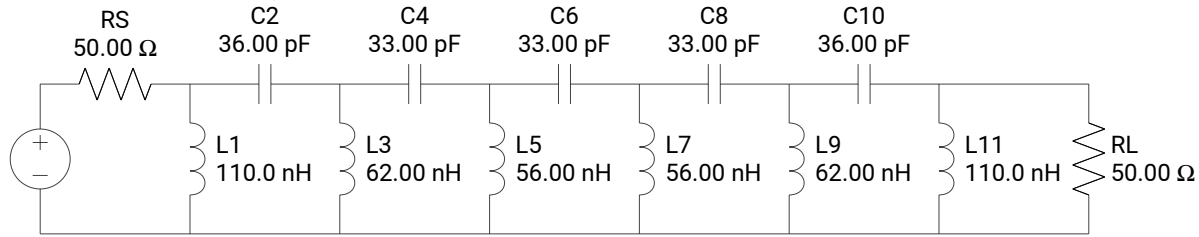
Reset (/lc-filter/)



# 11th Order Chebyshev Highpass

Cutoff Frequency = 61.00 MHz

Passband Ripple = 0.1 dB



markimicrowave.com | Dec 31, 2021

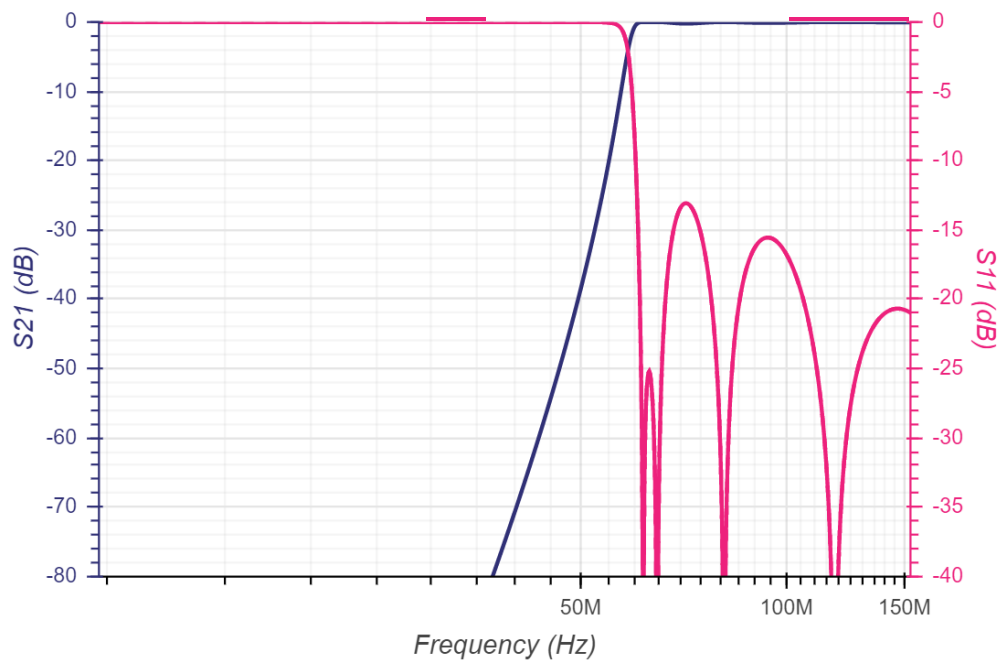


Insertion Loss and Return Loss

Phase and Group Delay

S-Parameters

Export



markimicrowave.com | Dec 31, 2021

© 2017-2021 Marki Microwave, Inc. | Privacy Policy (<https://www.markimicrowave.com/contact-us/sales-resources/privacy-policy/>)