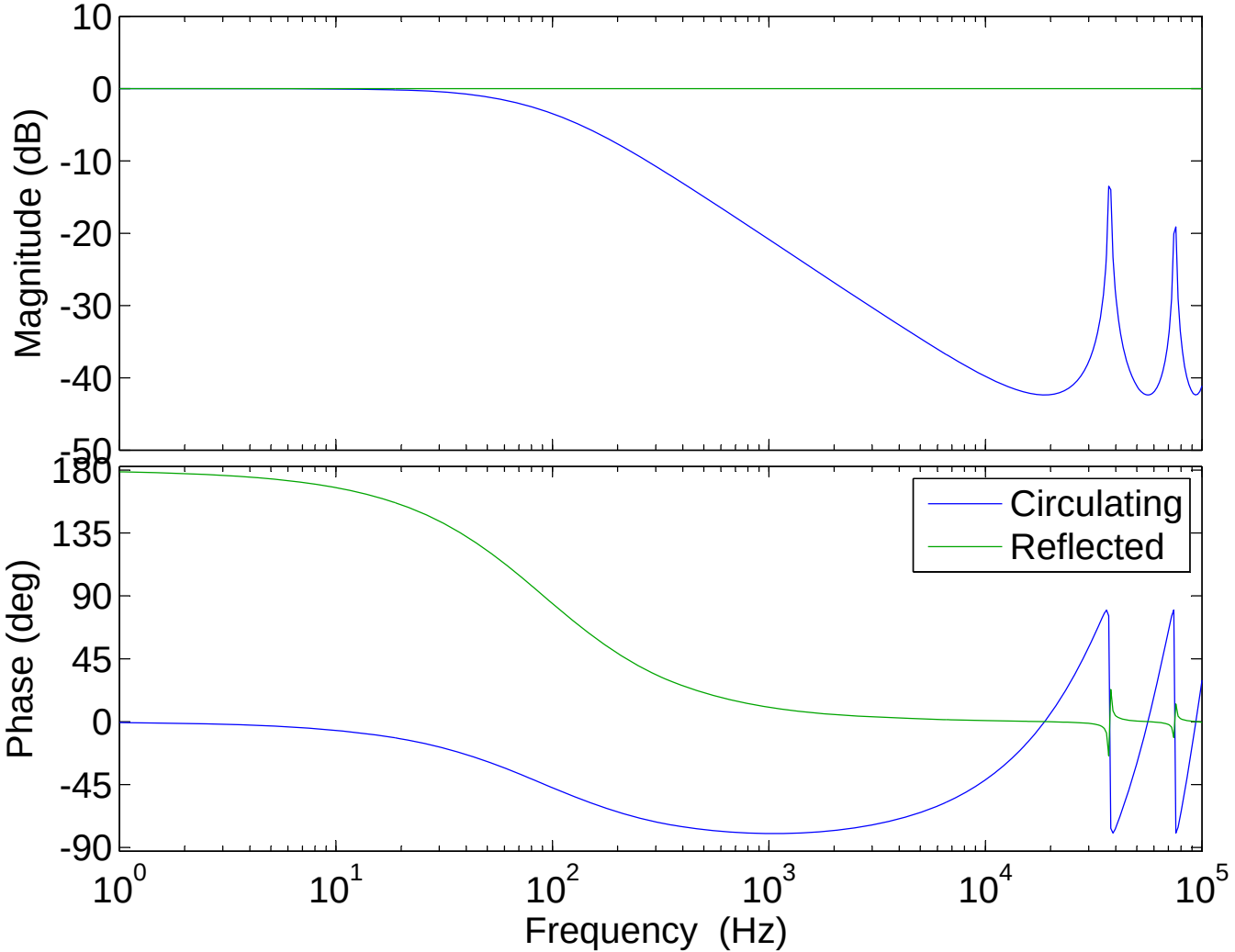
Magnitude (dB)
10
0
-10
-20
-30
-40
-50
Phase (deg)
180
135
90
45
0
-45
-90
Circulating
Reflected
10^0
10^1
10^2
10^3
10^4
10^5
Frequency (Hz)