



Knowles FD Analog Standard Response

High Power FD (101 dB)

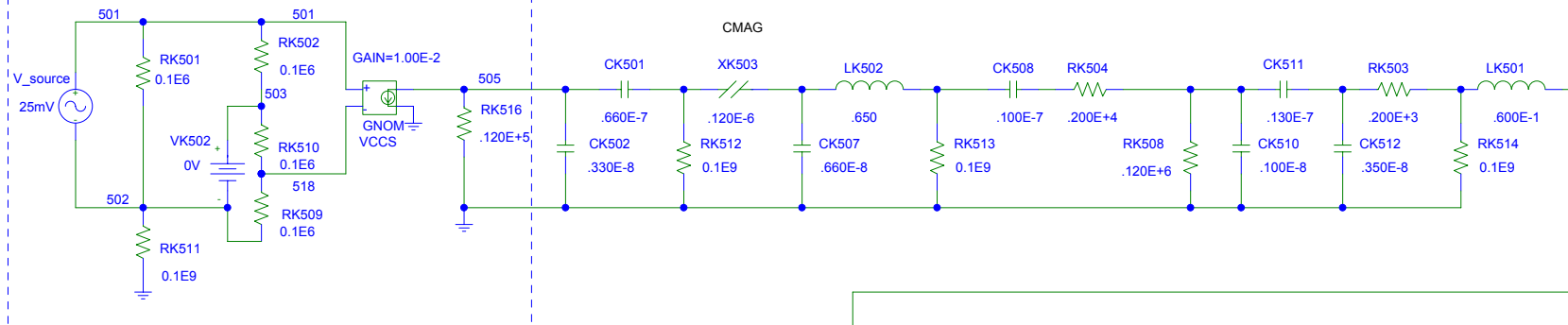
Undamped
RK503 = .200E+3

Type I Damping
RK503 = .100E+4

Module File: keeFD2

Module File: kerFD1

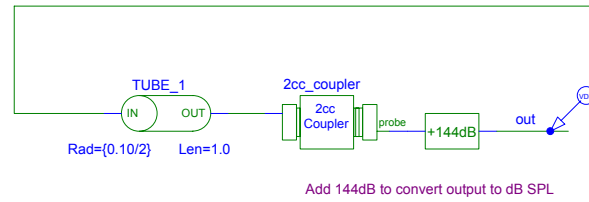
CMAG



*CMAG models a capacitive impedance in series with a resistor to create a 45 degree phase angle at all frequencies. The net impedance varies as 1 over the square root of frequency.

*CMAG is the capacitor's value at 1 kHz.
*Also called VRMAG, VCMAG in older models

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.SUBCKT CMAG-X 1 2 PARAMS:CMAG = 1
R1 1 2 1E+12
G1 1 2 FREQ {(.707*V(1,2)/(CMAG*6282)) =
+ (20,-17,45)
+ (20000,13,45)
.ENDS
```



Tubing and coupler specified in Knowles Sheet 2.1
[10mm x 1.0mm ID]

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