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Subject: Re: Favorite flavors

Posted by [Earl Geddes](#) on Thu, 27 Jan 2005 13:04:55 GMT

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Well not exactly. I have a computer model of the crossover that I manipulate that uses the actual polar measurements to predict the total field response. I adjust the component values to get the best overall response - the flattest response in the sound field from +30 to -30° across the entire audio band. The resulting filter is highly unlikely to be a "Bessel" or "Butterworth" or any other name brand filter. They are both 3rd order and are definitely not tuned to the same frequency.

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