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Subject: Re: 6th order bandpass tuning question  
Posted by [James W. Johnson](#) on Sun, 24 Jun 2001 17:38:18 GMT  
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first you should know ..... The transient performance of 6th order bandpass systems is usually worse than the sealed, ported and 4th order bandpass systems, making it more suitable for sound reinforcement, multimedia and other less critical applications, rather than high-end audio. Like ported systems, the driver becomes unloaded at frequencies lower than the passband. It does not matter how much of the port is inside the enclosure, hell if you want to go ahead and mount the entire port externally, just make sure and account for how much space the port is using inside the enclosure when making your calculations.