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Subject: Re: Bill Fitzmaurice Folding Geometry  
Posted by [Bill Fitzmaurice](#) on Thu, 05 Aug 2004 15:59:57 GMT  
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The high end will roll off when you don't use rounded bends. Since this is a sub and I wanted the high end to roll off so I left the bends squared. In my DR horns, which are full range, I use rounded bends and they're good up to at least 2kHz, basically needing to be crossed over when off-axis response starts to deteriorate. My flare for subs has a much longer pathway to cross-section than the usual. This allows a far deeper extension and efficiency from a smaller package than is possible with standard flares. By and large you can do just about anything folding wise up to about 200Hz, but much above that you have to round bends.

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