Subject: Re: Idea for alternative to power tapering
Posted by Earl Geddes on Mon, 18 Jul 2005 18:54:31 GMT
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As stated, this is not a new idea. Unlike constant power tapering, the absorption tapering is frequency dependent, which is an added degree of freedom to facilitate a better design.I use a similar principle in my waveguides to improve pattern control - a foam plug - and it works extremely well. It is an idea with a lot of potential, but it can be very difficult to actually design using.