Subject: Re: Constant directivity tweeter horns and waveguides
Posted by Randy on Wed, 02 Apr 2008 18:46:42 GMT
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"If the sound source was a perfect radiating sphere of acoustically small dimensions and the throat was conical and acoustically small, I think all wavefront progogation through the horn would be this way. Or if it generated perfect planar waves and the exit was a tube, either way."Compression drivers use of the phase plug is to make wavefronts diverge to approximate a planar wave AFAIK. However, cones and domes make omnidirectional spherical waves.From this I would think a pure conical horn would be the best way to load a dome or cone driver. Your thoughts?Randy