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Subject: Re: 1:1 throat area

Posted by [DMoore](#) on Thu, 22 Feb 2007 17:28:27 GMT

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That example would be a multiple-flare horn or a "rubber throat". Not typical of a "straight" horn, though. Better used in a longer folded type bass horn to reduce throat impedance. On the other hand, though, the 1978 EV midrange horn (Keele) US patent # 4,071,112 has 3 separate flare rates for purposes of bandwidth and coverage pattern. So there is no real limitation as to what you can do if you can achieve a balance of all the variables involved to arrive at your particular goals. DM

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