Subject: 1.6kHz with Zobel and L-Pad
Posted by Wayne Parham on Mon, 11 Aug 2003 05:55:20 GMT
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I'd go with a ~1.6kHz crossover. For a coaxial arrangement, I might be tempted to use a symmetric crossover. As for the top-octave, it really looks pretty good and so I wouldn't add more energy there. Just use an attenuator to match the Beyma tweeter level with the Eminence midwoofer.I think you will probably want a Zobel on the Eminence midwoofer, but for the tweeter horn, a series/parallel L-Pad arrangement that attenuates 10dB would be great for double duty - attenuator and damper. Give that a go and check your measurements to see where you're at. If the L-pad doesn't damp the circuit enough, try some different values and maybe even go with Jeff's suggestion of a tank circuit (notch filter) which will act as a resonating damper.