Subject: Dipole for an array. Is it...?
Posted by tolits on Mon, 31 Jul 2006 19:30:37 GMT
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Hi,Is it a bad idea? I am thinking of using them 200 HZ up. TIALito

Subject: Re: Dipole for an array. Is it...?
Posted by Rick Craig on Thu, 03 Aug 2006 02:32:08 GMT
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The dipole array presents two significant problems. One is mechanical construction - making it wide enough to support the desired wavelength cutoff and stability (how to support all that weight on the front and keep the rear / sides open).The second problem is power response and this for me is a significant issue. A typical monopole home audio line of 5-6 ft. will not maintain the nearfield effect much below 200-300hz. Adding dipole radiation reduces the low frequency power response even more. Maybe with a large amount of active equalization you can correct this? I think it's an area to be explored.