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Subject: Fountek Ribbon Tweeter

Posted by dB on Thu, 23 Feb 2006 19:06:59 GMT

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Hi, I need to model a FOUNTEK NeoCd2.0 Ribbon Tweeter in Spice. Are the parameters I am using ok?  $R=6.5\text{Ohms}$  (for  $R_e$ )  $L=0.1\text{mH}$  (for  $L_e$ )(1) The problem is that they don't publish the  $L_e$  parameter. (2) Also the impedance is 7 Ohms (nominal) but in the graphics curve of response & impedance it shows impedance coming down to 6.75 Ohms @2kHz and 6.5Ohms @3kHz. Which impedance is the best choice to model in Spice, with x-over at 2kHz? (3) What is this ---> DCR 0.02 ohm, from the factory .pdf catalog?(4) I am not using compensation for HF, what do you think? Website here([http://www.fountek.net/products\\_neo\\_20.htm](http://www.fountek.net/products_neo_20.htm)); or here(<http://www.madisound.com/neocd2.0.html>). Thanks Wayne. Best Regards

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