Subject: Inductor Value for Theater 4 Pi
Posted by Super_BQ on Thu, 03 Jan 2002 19:06:56 GMT
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Hi Wayne,Could I get away using a 0.56mH Inductor in the Theater 4 Pi speaker xover? It's labelled L1 in the 1K6A010dB chart and shown as 0.6mH. Would there be any compensation difference when using 0.56mH vs. 0.60mH?

Subject: Re: Inductor Value for Theater 4 Pi
Posted by Wayne Parham on Thu, 03 Jan 2002 21:47:59 GMT
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Yes, that's within tolerance.

Subject: Re: Inductor Value for Theater 4 Pi
Posted by Super_BQ on Fri, 04 Jan 2002 21:29:45 GMT
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Went to the store that sold them and was disappointed to see that the .56mH coils were small using 20 awg size wire. So far it looks like i'll be looking to make my own air core ones. For resistors I couldn't buy values to get an exact 16ohm load @ 40 watts. Preferably i would like to use metal film ones like Caddocks but they're far far too expensive. I've managed to find some very old "wirewound" resistors that look something not available at any component shop. The typical ceramic ones I see are rectangle in shape but these ones are round like a spring roll. I can see the wire wrapped around a ceramic roll and dipped in some baked enamel coating. The guy that sold them to me said they were used in old TV/Radios - my guess would be at least 30 years old?Have you had any experience using these types of conponents? Sonically how do they measure up to higher quality metal film resistors used in passive xover networks?

Subject: Re: Inductor Value for Theater 4 Pi
Posted by BillEpstein on Fri, 04 Jan 2002 23:43:29 GMT
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15 ohm 12 watt mills mr12b non-inductive wire wound $3.95 each from Michael Percy. $64 isn't cheap, but.....