Subject: Wayne... C5
Posted by Adam on Wed, 09 Jan 2002 17:26:15 GMT
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In the crossover diagram you show C5 as thisC5=Le/Re^2Now the Kappa 15lfa has Le=1.27 mH and Re=5.4 ohms.so....C5=1.27/29.16C5=0.0435 uFThis seems really inconsistant with any of the C5 values listed in your crossover diagram. They are all at least 20 uF.What am I doign wrong?ThanksAdam

Subject: Re: Wayne... C5
Posted by Wayne Parham on Wed, 09 Jan 2002 18:01:25 GMT
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You are forgetting that millihenries are a thousandth of a Henry and that microfarads are a millionth of a Farad. So C5 should be 4.35 x 10-5 Farads or 43.5uF.

Subject: Re: Wayne... C5
Posted by Adam on Thu, 10 Jan 2002 20:24:32 GMT
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Dah... Alright thanks man!!!My parents are gonna be returning some money they owe me tomorrow and then I'm off to the store to pick up four sheets of MDF to build the two speakers. These suckers are gonna be heavy!!!I've got the inductors and some caps I need but I have to order mills resistors and some other parts from Parts Express before I can finsiht hem up. I might substitute in some cheap wirewounds and some electrolyte caps until those parts arrive. I'm gonna use four 12 watt mills resistors in parallel for 48 watts power handling on all circuits (although will the impedance compensation on the woofer need it?) and I am going to strap them to heat sinks as well.Adam