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Subject: Re: 7 PI digital to passive

Posted by [Wayne Parham](#) on Sat, 24 Mar 2018 16:33:28 GMT

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You've got mail!

The minimum wire size you should use on coils is 20 gauge, but I suggest going bigger than that. We use 18 gauge air-core coils everywhere except the woofer, which has a 16 gauge laminated iron-core coil. An upgrade to 15 gauge is available.

I have a requirement of DCR less than 25% of the load, but I prefer to keep DCR under 10%, e.g.

I'm using parts that exceed the goal by a wide margin. For example, the coil in the woofer circuit

well under the 10% goal.

coil in the midhorn circuit. Of course, the midhorn is padded so DCR isn't as critical in this part of

And yes, when using a 2226J, go with a 12mH coil in the woofer circuit. As I said above, don't skimp on the wire gauge.