

sci.electronics.design: Re: TV preamp FET choice (follow up with more impedance stuff)

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In article <ch0k1c\$1npv\$1@news.iquest.net>,

John S. Dyson <toor@iquest.net> wrote:

[...]

>I strongly suggest looking at devices with input impedance that is fairly
>close to 50 (or 75) ohms.

If you can't find 50 or 75 ohms, try for twice that and parallel two of them.

[...]

>For low noise RF applications, you probably want to try to find components
>whose input impedance is within 2:1 or 4:1 of the source impedance.

Better yet, look for one where the maker elected to put the noise at the impedance level you need on the first page of the data sheet.

Component companies always (mostly) try to make their part look the best.

As a result, they put the characteristics that are good on page one.

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kensmith@rahul.net forging knowledge