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Subject: Re: Zout

Posted by [Damir](#) on Wed, 20 Jul 2005 10:41:15 GMT

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See my two messages on "Group Build" forum, about 300B output stage. Damping factor and Zout are in Part 2, "chapter" 11. Theoretical Zout is  $r_p$  (internal anode resistance of our output tube), "referred" at the secondary side, or  $Z_{out} = r_p / (R_a / R_{sec})$ , or in this 3k:8 Ohms example -  $Z_{out} = 650 / (3000 / 8) = 1,73$  Ohms, giving theoretical damping factor of  $DF = R_{sec} / Z_{out} = 8 / 1,73 = 4,6$ . But, we have some winding resistances, etc...

<http://audioundtable.com/GroupBuild/messages/1113.html>

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