
Subject: New Transformer

Posted by [Manualblock](#) on Sun, 06 Aug 2006 22:52:01 GMT

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O'kay I got a nice old trans from an EL 84 amp. It reads 130v 160ma on the sec..117/100/0 on the primary.I measure 7.5ohm across the primary and 3 ohm across the secondary.It has a 6v leg on the sec and a 6.3v leg. It also has a 6v leg on the pri tied to the 6v leg on the sec with a wire to both ends. On the pri. there is a tab E also.So source impedance. $SI = \text{pri dcr} \times \text{turns ratio}^2 + \text{sec DCR}$ from Damir's formula. $7.5 \text{ ohm} \times (Ns/Np) + 3 \text{ ohm}$ $7.5 \text{ ohm} \times (130/117) + 3 = 12.26$ Is that the figure we use on the trans in PSUD?Thanks Guys.
