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Subject: Merlin Iron connection

Posted by [PakProtector](#) on Tue, 06 Dec 2005 23:36:20 GMT

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hey-Hey!!!,Heyboer is nearly ready to ship the modified version of the S265Q I arranged for the group buy.Primary side connections from one anode to the other:Grey---anode1Blue---a1-40%White---a1-30%Black---a1-20%Red---center tapBlack-Red stripe---a2-20%White-Black stripe---a2-30%Blue-Yellow stripe---a2-40%Purple---anode2Secondary takes output from the green and green/yellow for 8 and 16R. For 8 connect/strap the yellow and yellow/black and for 16 connect the black and black/white stripe. For 4R we put the two halves of the 16R winding in parallel.I will post a schematic to projects as soon as I can visit a scanner. Several inquiries made regarding the grid chokes. The Heyboer PN is HTS-7457. Specify a .002" gap of Nomex paper. Even though there is no DC, the gap is useful.With this 10kOhm a-a OPTx, if you want to run an AB1 bias, draw the load line at ~2k5 as you would for SE, with a single set of plate curves. If you're staying Class A, draw the load line at 5k. Any of the three pairs of taps can be used for g2 connections. The E-Linear tap does not have to be the same pair. Of course, class A U-L curves are not generally available....:(Looking forward to seeing a few of these amps come together.cheers,Douglas

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