

I recently disassembled a fried simul-class OT from a 2:90.

It was marked: 562004R-1 EIA606-540

The windings were (I may have missed a turn or two since the two primaries don't match):

74 turns in two layers (4ohm)

831 turns in seven layers (Primary part 1)

42 turns in one layer (8ohm) (in series with 4 ohm)

832 turns in seven layers (Primary part 2)

74 turns in two layers (4ohm)

The two 4ohm windings were paralleled.

There were no taps on the primary, except for the center tap.

I got 0.315 and 0.8mm wire for the rewind, but both these seem to be about 0.01mm thicker than what mesa used.

I hope it fits anyway...

Measured over entire primary:

DCR 86ohm

~9H inductance

~16mH leakage inductance when shorting 4ohm tap

17.5kHz upper -3dB frequency response with 4ohm load

108 laminations of each kind measures 95.2x79.7x37.2mm assembled.