

RS394 - UHF Transmitting Triode



RS394 was designed to operate as power amplifier or oscillator at frequencies up to 560 MHz. Two tubes in push-pull were used in the transmitter section of FuG202 Lichtstein radar since early 1941. Oxide-coated unipotential cathode, finned anode. Later the design was made simpler, to increase the production, originating the variant LS30. RS394 can be seen as the German equivalent of the Eimac [15E](#).

400 V typical anode voltage at 560 MHz, 700 V at 25 MHz. 130 mA max average cathode current, 1 A peak. 30 W anode power dissipation, up to 40 W for a time not exceeding 10 s. 6.3 V at 0.3 A heater.

