

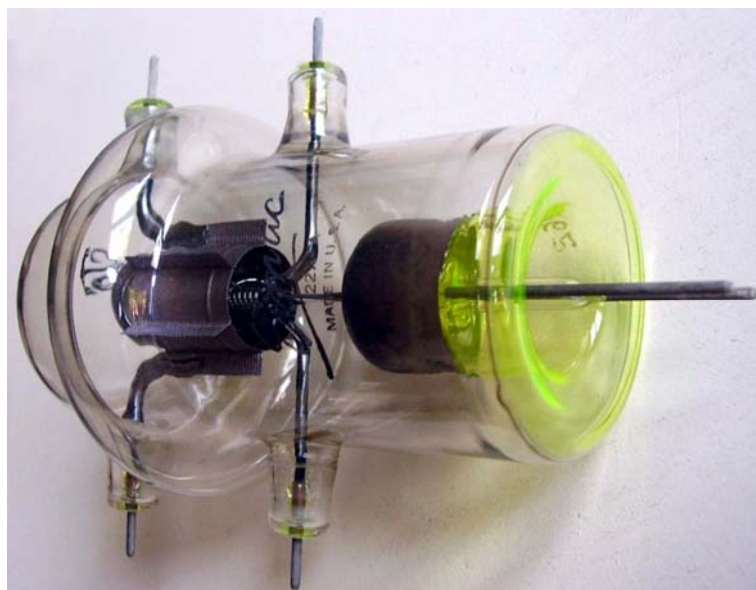
227A / 5C27 – VHF Pulse Oscillator



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In the late thirties Eimac introduced several VHF tubes capable of pulsed operation in VHF bands then used for the very early radars. Among the most powerful types, all derived from the 100T, we find the VT-127A and the 227A, derived from an undocumented 227. Four 227A were used in the 200 MHz ring oscillator of early radar systems made for US Navy around 1938, as the SC-1 and the SK-1.

The collection also includes a sample of the very early [227](#) type. Differences are not known. The most common improvement was related to the increase of cathode emission, even by uprating the filament voltage and current. Other possible improvements derived from the reduction of grid secondary emission, even using precious metals as gold coatings or platinum wires.



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