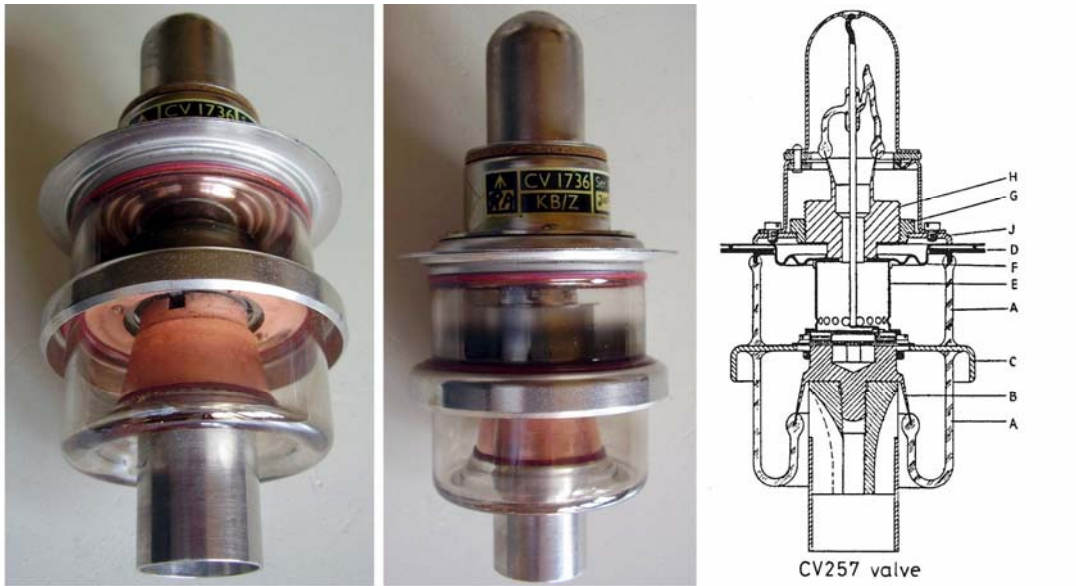


CV1736 - Power Planar Triode



- Click on image to enlarge

CV1736 is a planar power triode intended for use as VHF/UHF pulsed oscillator. It is similar to [CV257](#), selected for low grid current.

As the CV257 this tube derives from the wartime E1457 GEC design characterized by the use of copper-plated nickel iron. The thermal expansion coefficient of this material matched that of soft glass used for the spacers. The E1457 design was capable of operating in a coaxial resonator as pulse oscillator or as CW amplifier even beyond 1000 MHz with a plate dissipation of 75 W. With different screening tests, it gave origin also to ACT22, used in television transmitters. Early samples of E1457 came out in November 1943.

As pulsed oscillator [CV1736](#) could operate at 4 kV peak anode voltage, 15 A cathode emission.

6.3 V at 4.0 A heater.