

CV214 - X-Band Pulse Magnetron



- Click on image to enlarge.

CV214 was designed by GEC, internal code E1531, as evolution of [CV208](#). It was fitted with glass boot on heater stems and with integral waveguide flanged transition. It was easily tuned in the production line and could be replaced in field with no further adjustments. Used in Naval X-band radar.

Typical output power 27 kW at 15.5 kV and 10 A input pulses. 9675 MHz fixed frequency. 3.0 V at 2.5 A heater.

Here is the spec sheet for [CV214](#).