

CV186 – S-Band Magnetron



Pulse magnetron. Heater connectors denote it was intended for airborne use.

- 3320 MHz
- 14 kV @ 9.5A input pulse
- 35 kW peak output pulse
- 6V at 1.25A heater

Probably a variant of the [CV64](#).

Used in the radar of the Village Inn AGLT Automatic Gun-Laying Turret, known as TRS3548 and fitted to some Lancaster and Halifax bombers from 1944.

[CV186](#) spec sheet.

More information on magnetrons can be found in the article [‘Magnetron Tubes’](#) edited by Emilio Ciardiello.