

CV230 - Heil Oscillator



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Early coaxial oscillator intended to operate as local oscillator with wide A.F.C. range at 10 cm wavelength. Probably it was tried as local oscillator in early 10 cm radar receivers, because of its quite low operating voltage, compared to the about 1.700 V required to operate that reflex klystron.

Also known as DV55 or STC V230C/1D.

265 V resonator voltage, 300 mW output power. 6.3 V at 300 mA heater.

Pinout:

| | |
|---|------------------|
| 1 | N.C. |
| 2 | Heater |
| 3 | Anode |
| 4 | G2 |
| 5 | Resonator |
| 6 | G1 |
| 7 | Heater / Cathode |
| 8 | N.C. |

Only available data for a similar oscillator, the [CV39](#).