

CV172 – Noise Diode



During WWII CV172 was appreciated as the best noise generator then available. In the volume 'Microwave Receivers' from the MIT Radiation Laboratory Series we find the image and the schematic diagram of the generator based upon this diode.

- Lock-in B9G base.
- Tungsten filament.
- Large plate radiating fins.
- Typical filament current 1 A at 6.0 V.
- 18 mA typical saturated current at 6.0 V
- 6.25 to 6.75 V typical for 30 mA I_a saturated.
- Max permissible filament voltage 7 V.
- Useful life in the order of 100 hours at 7 V.

Spec sheet for [CV172](#) and copy of the [paragraph 12-6](#) from Microwave Receivers, S.N. Van Voorhis.

