

CV2393 – Backward Wave Oscillator (BWO)



Electrically tunable backward wave oscillator. Tunes from 7GHz to 11.5Ghz. Output power up to 120mW. Forced air cooling required. Permanent magnet beam focusing.

6.3V at 2.4A heater.

English Electric Valve. Here the documentation of the [N1010A](#) commercial code and of the [CV2393](#) spec sheet.

Operating principles in the article '[TWTs and BWOs](#)' edited by Emilio Ciardiello.