

F4029D - TWT or Carcinotron 'O'



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Backward Wave Oscillator, also known as BWO, capable of operation in the microwave region from 2 to 4 GHz. The French manufacturer CSF also refers to these devices as Carcinotron 'O' for the regressive movement of waves propagating along the delay line with respect to the electron beam.

Output frequency is tuned from 2 to 4 GHz moving the voltage of A2 from 200 V to 1400 V. Output power varies from 120 mW minimum at 2 GHz to 750 mW at 4 GHz.

Data available [here](#).