

## 2J49 Magnetron pulse, X-Band



2J49 is derived from the 725A, of which can be considered a frequency variant. External magnet, waveguide flanged output, external stabilizing cavity required. A 'C' letter etched on the glass boot indicates the heater terminal common to cathode.

Fixed frequency, 9080 MHz  $\pm$ 80 MHz. 44 kW typical output at 12 kV, 10 A input pulses. Heater 6.3 V at 1 A.

[2J50](#) is similar, with 8800 MHz center frequency.

Registered to Western Electric in October 1948. Data in the RMA record [704](#).

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