

2J56 – X-Band Pulse Magnetron



Fixed frequency X band pulse magnetron. Forced air cooling required.

Another simplified fixed frequency packaged magnetron derived from [2J51A](#). Packaged magnetrons offered many advantages over types with external magnet, for ease of in-field replacement and because this type only weighted 3 lbs. 12 oz. as compared with over than 11 lbs. of the [725A](#) with its magnet.

- 50 kW typical output pulse at 9.245 GHz.
- 6.3V at 1A heater.

Data available from the [RMA 456](#) registration record assigned to Raytheon in November 1945.

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