

RD4Ma - CW Magnetron, Interdigital



CW magnetron designed to operate as oscillator at wavelengths from 18 to 26 cm, delivering 12 to 16 W output power. This sample is dated 16th week, 1944.

Direct heated tungsten cathode operating at 3.3 volts, 4.0 to 4.4 amps.

30 to 40 mA at 1300 to 900 volts. 1100 volts at 40 mA typical operation, delivering 14 W at 20 cm. 1300 to 1400 gauss magnetic field. 40 W max anode dissipation.

Frequency modulation in the order of 100 to 200 KHz/V could be obtained by anode voltage modulation.



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