

728AY to JY – UHF Band Pulse Magnetron



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Western Electric 728A-J family includes fixed frequency magnetrons from 900 to 970MHz. Eight hole-and-slot resonators, double ring strapping. Operating frequency is identified by the two letter suffix from AY to JY, spaced 7 MHz for each code type.

210 to 400 kW out power. 19 to 24.5 kV at 19 to 28 A typical input power. 1000 to 1200 gauss. Over than 50 % typical efficiency. Driven by a spark wheel pulser at 210 to 400 pps. 3.4 amps at 14.5 volts heater.

All replaced by the tunable version 728T (4J51).