

CV513 – S-band High-Power Pulsed Magnetron



CV513 is the British equivalent of the US type 4J53.

Fixed frequency pulsed magnetron, operating at 2803 ± 10 MHz. 30 kV at 70A input pulses, 900 kW output pulses.

Heater 16V, 3.1A.

External magnet, coaxial output. Forced air cooling required.

[CV513](#) spec sheet.

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