

CV3528 – X-Band Pulse Magnetron, Marine



X-band pulsed magnetron, integral magnet, waveguide flange. Fixed frequency, 9345 to 9405MHz.

Typical operating conditions: input pulses 7.6 kV at 7.5A, 0.1 to 1us; 22 kW peak RF output, 2.2 to 11 W average.

Heater: 6.3 volts at 0.5 amps.

Service code for English Electric Valve [M513A](#).

Probably used in the Marconi 'Quo Vadis' marine radar.

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