

## CV5463 – V243A/2FS Heil VMO



The V243A/2FS is a Heil velocity modulated oscillator (VMO), sometimes used almost exclusively in UK to replace klystron tubes at frequencies of few gigahertz.

This tube was used in the 495-LVA-251 coaxial cavity to oscillate in the range from 4.263 to 4.297 GHz. 0.75W minimum output power at 235 to 275 volts applied to resonator and 65mA cathode current.

Flange is 42mm diameter.

Operating principles in the article '[TWTs and BWOs](#)' edited by Emilio Ciardiello.