

M5100 - Magnetron Q-Band



Q-Band pulse magnetron made by English Electric Valve around the mid seventies. Date code on the above sample is 7436.

Here the data supplied by Jeremy Harmer:

Frequency 33 to 36GHz

Typical operation

Peak power output 50kW

Pulse duration .025 to .500 micro secs

Duty cycle 0.0005

Peak anode voltage 13 to 15kV

Peak anode current 15A

It's described as 'lightweight' and made to special order only.

Here a page from an old [EEV catalog](#) even as [image](#), thanks to Dan Stocks.