

>> FC732F(1409) VHF tetrode

■ **Operating frequency:250MHz**

Peak-of-sync output power in combined amplification:1.1 kW

General characteristics

Cathode	Oxide
Heating	Indirect
Heating voltage.....	10.7 ± 0.3V
Heating current.....	6.45 ± 0.25A
Interelectrode capacitances	
Cathode-Control-grid.....	50pF
Cathode-grid-Screen-grid.....	66pF
Screen-grid-anode.....	13pF
Transconductance.....	30Ma/V
Internal amplification factor.....	7
Operating position.....	Vertical,anode up or down
Weight.....	1.04kg
Dimensions.....	See page 94
cooling.....	Forced air
Anode air flow.....	3000 L/min
Stem air flow.....	800 L/min
Temperature at the seal,max,.....	250℃
Temperature at the terminal,max,.....	150℃
Temperature on the surface of the tube,max,.....	250℃



Maximum ratings

Frequency.....	250MHz
Anode voltage.....	4kV
Anode current.....	1.5A
Screen-grid voltage	650V
Control-grid voltage	-150V
Anode dissipation	2.5kW
Control-grid dissipation.....	10W
Screen-grid dissipation.....	40W

Typical operation

Frequency	167-223	MHz
Peak-of-sync output power	1.1	kW
Power of the sound carrier	100	W
Bandwidth(-1dB)	8	MHz
Intermodulation distortion	≤-50	dB
Gain	13	dB
Anode voltage	2.5	KV
Screen-grid voltage	450	V
Anode current (with signal)	0.7	A
Anode current (at zero signal)	0.5	A