

>> FU 618F(1428) VHF tetrode

■ Output powers In RF linear amplifier for class AB:5.3 kW

General characteristics

CathodeThoriated tungsten
Heating..... Direct
Filament voltage.....9.0V
Filament current.....41.5A
Interelectrode capacitances(cathode earthed),approx:
 Input.....130pF
 Output.....12.5pF
 Transfer 1.0pF
Transconductance35mA/V
Internal amplification factor,average.....5.5
Operating position.....Vertical
Weight,approx.....2.5kg
Dimensions.....See page 95
Anode cooling.....Forced air
Temperature on the surface of the, max.....250℃



Maximum ratings

Frequency..... 150 MHz
Anode voltage..... 7kV
Anode current..... 2.0 A
Anode dissipation..... 3.5 kW
Control-grid dissipation..... 50 W
Screen-grid dissipation..... 175 W

Typical operation

Class AB RF linear amplification

Output power	5.3	MHz
Anode voltage	5.0	kV
Screen-grid voltage	850	V
Anode current	1.7	A