

>> FC 620FT(1319) UHF triode

- Operating frequency: 1000 MHz,
Output power in combined amplification TV transmitter
or translator as class A power amplifier:100 W

General characteristics

Cathode	*** ** Oxide
Heating	 Indirect
Heater voltage	 5.5 V
Heater current	 5.0-5.6 A
Interelectrode capacitances	
Input	 22 pF
Output	 8 pF
Transfer	 0.07 pF
Transconductance($U_a=1800V, I_a=0.4A$)	 ≥ 80 mA/V
Amplification factor	180
Operating position	 Any
Weight	 950g
Dimensions	 See page 94
Anode cooling	 Forced air
Air flow ,min.	500L/min
Temperature at the seal,max.	 250°C
Temperature on the surface of the tube,max.	200°C



Maximum ratings

Frequency	 1000 MHz
Anode voltage	 2.2 kV
Anode current	 0.6A
Grid voltage	-100 V
Anode dissipation	 750 W

Typical operation

Frequency	780	MHz
Anode DC voltage	1.8	kV
Anode DC current	0.4	A
Gain	20	dB
Output power	100	W
Intermodulation distortion	≤ -52	dB