



FR-59251 Allennes Les Marais (Lille)
Phone: +33 (0) 320 53 62 98
Fax: +33 (0) 320 53 63 08
Website: <http://www.soudeuse-haute-frequence.com>
Courriel: transtec.hf@soudeuse-haute-frequence.com

TRIODES G1500

Output power	1600 W
Anode Voltage	4.0 kV
Anode dissipation	450 W

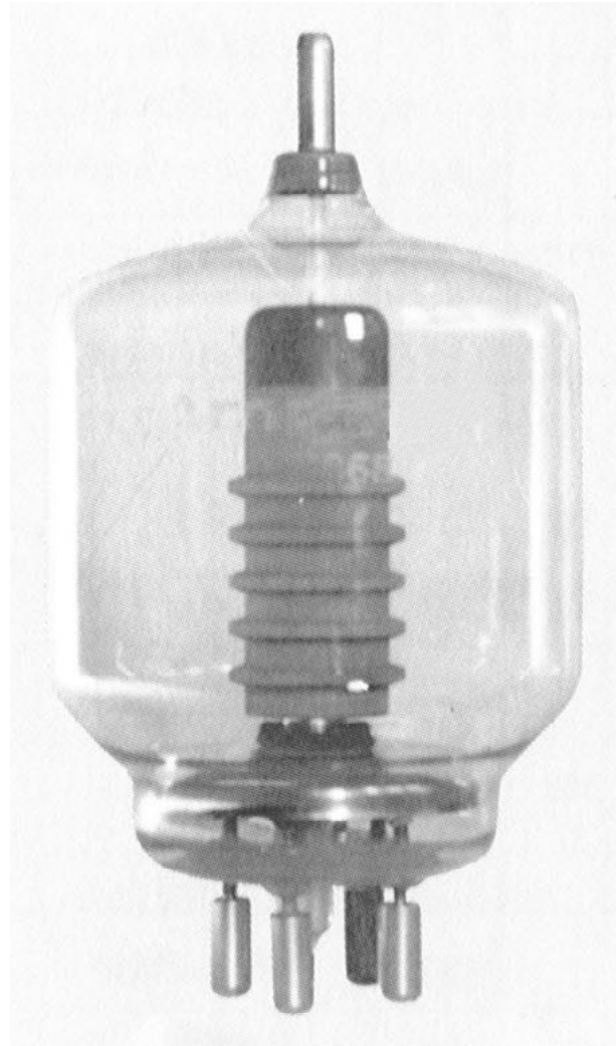
ELECTRON TUBES

ELECTRICAL

Filament directly heated	
Filament Voltage +5% -10%	10 V
Filament Current	9.9 A
Capacitances:	
grid-anode	7 pF
grid-cathode	8 pF
cathode-anode	0.17 pF
Amplification factor μ	28
Transconductance $V_a=3.5$ kV, $I_a=125$ mA	4.5 mA/V

MAXIMUM RATINGS

Frequency	120 MHz
Anode voltage	4.0 kV
Anode current	2.5 A
Control-grid current	115 mA
Peak cathode current	5 A
Anode dissipation	450 W
Grid dissipation	50 W



OPERATING CONDITIONS

Class C RF oscillator

Frequency	100 MHz
Anode voltage	4.0 kV
Grid voltage	580 V
Anode current	535 mA
Grid current on load	0.115 A
Anode input power	2140 W
Anode output power	1630 W
Grid resistor	3000 ohm

Equivalent Tubes:

T500
RS1016
TB4/1250
5658



FR-59251 Allennes Les Marais (Lille)

Phone: +33 (0) 320 53 62 98

Fax: +33 (0) 320 53 63 08

Website: <http://www.soudeuse-haute-frequence.com>

Courriel: transtec.hf@soudeuse-haute-frequence.com

TRIODES G1500

-TRANSTEC.HF - FR 59251 Allennes

Reference: P68-1G1500

Scale: 1

General margins: +/- 0,5

Mecanical:

Operating position Vertical
Weight 0.450 kg

Accessories:

Socket Super giant, 5 pins
Anode connex
Packaging

Cooling:

Bulb cooling radiation
Anode cooling by connex forced air
Socket cooling forced air
Max temperature bulb 250 °C

