



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

TRIODE T150

Output power 500 W
 Anode Voltage 2.5 kV
 Anode dissipation 200 W

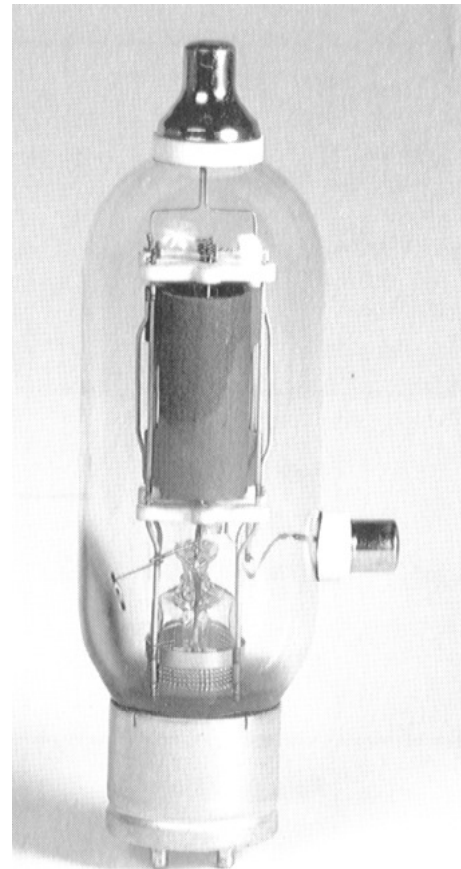
ELECTRON TUBES

ELECTRICAL

Filament directly heated
 Filament Voltage +5% -10% 10 V
 Filament Current 4.5 A
 Cold resistance ohm
 Capacitances:
 grid-anode 4.7 pF
 grid-cathode 4.9 pF
 cathode-anode 1.0 pF
 Amplification factor μ 25
 Transconductance $V_a=2$ kV, $I_a=20$ mA 5 mA/V

MAXIMUM RATINGS

Frequency 100 MHz
 Anode voltage 2.5 kV
 Peak cathode current 2 A
 Anode dissipation 175 W
 Grid dissipation 20 W
 Grid voltage -500 V



OPERATING CONDITIONS

Class C RF oscillator

Frequency 30 MHz
 Anode voltage 2.5 kV
 Grid voltage 350 V
 Anode current 250 mA
 Grid current on load 0.040 A
 Anode input power 700 W
 Anode output power 500 W
 Grid resistor 5300 ohm
 Grid dissipation 6 W

Equivalent Tubes:
 T150



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

TRIODE T150

TRANSTEC.HF - FR 59251 Allennes
 Reference: P68-2G500
 Scale: 1
 General margins: +/- 0,5

Mecanical:	
Operating position	Vertical
Weight	0.250 kg
Accessories:	
Socket	Jumbo, 4 pins, A4-29
Anode connex	D14
Packaging	
Cooling:	
Bulb cooling	radiation
Max temperature bulb	250 °C
Anode cooling by connex	forced air
Socket cooling	forced air

