

FERRANTI

FULL WAVE RECTIFIER

An indirectly heated, full wave rectifier.

PHYSICAL DETAILS.

Base	...	...	...	B9A—Noval.
Bulb	...	...	...	Clear.
Max. Overall Length	...	...	...	67.5 mm. ($2\frac{3}{4}$ in.).
Max. Seated Height	...	...	...	60.5 mm. ($2\frac{3}{8}$ in.).
Max. Diameter	...	...	...	22.2 mm. ($\frac{7}{8}$ in.).
Mounting Position	...	...	...	Any.

BASE CONNECTIONS.

Pin 1—Anode 2.	Pin 5—Heater.
Pin 2—Internal Connection.	Pin 6—Internal Connection.
Pin 3—Cathode.	Pin 7—Anode 1.
Pin 4—Heater.	Pin 8—Internal Connection.
	Pin 9—Internal Connection.

HEATER.

Heater Voltage	...	...	...	6.3 volts.
Heater Current	...	...	...	0.3 amps.

RATINGS.

Max. Peak Inverse Voltage	...	980 volts.
*Max. R.M.S. Anode Voltage	...	350 volts.
Max. Rectified Current	...	90 mA.
*Max. Peak Anode Current	...	270 mA.
*Min. Limiting Resistance	...	125 ohms.
Max. Reservoir Capacitor	...	50 μ F.
Max. Peak V_{h-k}	...	500 volts.

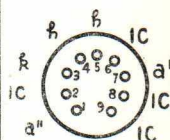
TYPICAL OPERATING CONDITIONS.

CAPACITOR INPUT.

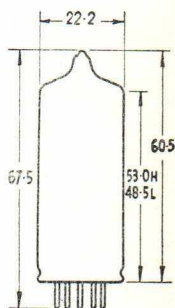
*R.M.S. Input Voltage	250	275	300	350	volts.
Rectified Current	90	90	90	90	mA.
*Min. Supply Impedance	125	175	215	300	ohms.
Max. Reservoir Capacitor	50	50	50	50	μ F.
DC. Output Voltage	265	285	310	360	volts.

*Each Anode.

6V4



**Base
Connections
Underside View
of Base**



All dimensions shown are in millimetres.



6V4

