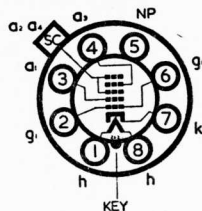


Current Equipment Type

TYPE C21AA

B8H BASE



The BRIMAR C21AA is a rectangular 110° deflection angle teletube with electrostatic focus, an aluminised screen and external conductive coating. The screen colour is white with a grey glass faceplate with a transmission of approximately 70 per cent.

RATINGS

Heater Voltage	...	...	6.3 volts
Heater Current	...	...	0.3 amps.
Final Anode Voltage ($V_{a_3} + \Delta$)	...	...	17.6 kilovolts abs. max.
Final Anode Voltage ($V_{a_2} + \Delta$)	...	...	13 kilovolts min.
Focus Anode Voltage (V_{a_3})	...	...	—500 to 1 000 volts max.
First Anode Voltage (V_{a_1})	...	...	500 volts max.
First Anode Voltage (V_{a_1})	...	...	250 volts min.
Grid Voltage (V_g) Peak	...	...	2 volts max.
Heater to Cathode Voltage (V_{hk}) Cathode Positive	...	...	200 volts max.
Heater to Cathode Voltage (V_{hk}) Cathode Positive*	...	...	410 volts max.
Heater to Cathode Voltage (V_{hk}) Cathode Negative	...	...	180 volts max.
Diagonal Deflection Angle	...	...	110° approx.

* During warm-up, for a period not exceeding 45 seconds.

OPERATING CHARACTERISTICS

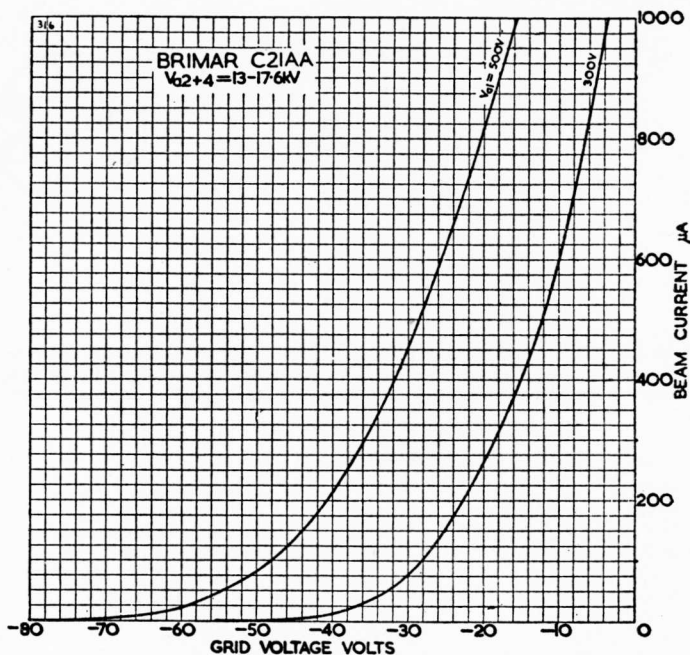
Final Anode Voltage	...	...	16 kilovolts
Focus Anode Voltage	...	...	300 volts
First Anode Voltage	...	...	300 volts
Peak to Peak Modulating Voltage for Beam Current of 150 μ A	...	...	30 volts
Grid Voltage to Cut-off Beam Current	...	...	—30 to —72 volts

INTER-ELECTRODE CAPACITANCES

Grid to all	...	...	6.0 pF max.
Cathode to all	...	...	4.0 pF max.
Final Anode to External Coating	...	...	2 000 pF max.

NOTES:

- A. No harmful X-ray radiation is produced by this tube when operated at final anode voltages below 16 kV. At voltages above 16 kV some shielding may be necessary to protect against prolonged exposure at close range.
- B. Shift magnets when used should be mounted in such a position that they do not interfere with the passage of the electron beam through the gun. This position is normally immediately behind the scanning coils.



REFERENCE LINE GAUGE JETEC No. 126

