Mullard
OSCILLOGRAPH TUBE

E42-G6/B6

CATHODE RAY TUBES FOR OSCILLOGRAPHIC USE

6 - Inch Screen

Heater
Vf = 4.0 V
If = 1.0 A

Capacities
Cg = 12 uF
CD1D1' = 6 uF
CD2D2' = 7 uF

Fluorescent Colour
- Green (G6)  Blue (B6)

Deflection - Double electrostatic for symmetrical operation.

Operating Conditions

Va2 ...................... 1000  2000 V
Va1 ...................... (approx.) 200  400 V
-Vg...................... 0-35  0-35 V
N1 ...................... 0.54  0.27 mm/V
N2 ...................... 0.40  0.20 mm/V

*The Grid Voltage should be adjusted to give the required light intensity. The voltage should never become positive or damage to the tube will result.

Limiting Values

Va2 max ...................... 2000 V
Va1 max ........................ 600 V
Max. writing speed .................. 0.5 km/sec