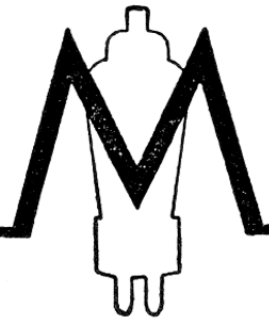
E46-12 TELEVISION TUBE



GENERAL DESCRIPTION.

Cathode ray tube type E46–12 is of the high vacuum double electrostatic type. It has been specially designed for television reception.

The fluorescent screen is approximately 12 inches in diameter and gives a black and white picture.

Owing to the special screen construction, an image of great brilliance is readily obtainable.

TECHNICAL DATA.

	V.
Operating Conditions.	
Heater Voltage (A.C. or D.C.)	4·0A. (approx.)
Heater Current	1·0
Cathode internally connected to Heater.	
Negative Grid Voltage	0–60 V.
(Valve adjusted to give required light intensity)	
Third Anode Voltage—	
Maximum	5,000 V.
Working Value	4,000–5,000 V.
Second Anode Voltage—	
Maximum	1,700 V.
Working Value	1,100–1,400 V.
First Anode Voltage—	
Maximum	250 V.
Working Value	250 V.
Deflection Sensitivity.	
Plates nearest cathode	·21–·17 mm/V.
Plates nearest screen	·16–·13 mm/V.
Inter-electrode Capacities.	
Grid to all other Electrodes	15·0 μμF.
Inter-plate Capacity D1–D1′	5·5 μμF.
Inter-plate Capacity D2–D2′	6·5 μμF.

Connections.

Figs. 1 and 2 show the connections to the electrodes and Fig. 4 a suitable circuit for the H.T. supply unit.

PRICE £15.15.0