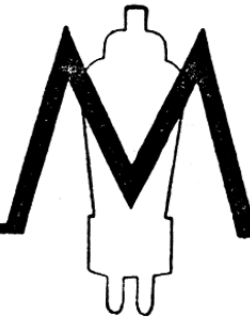


# M46-12



# TELEVISION TUBE

## GENERAL DESCRIPTION.

Cathode ray tube type M46-12 is of the high vacuum fully electro-magnetic 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.

### OPERATING CONDITIONS.

Heater Voltage (A.C. or D.C.)	..	..	..	4.0 V.
Heater Current	..	..	..	1.0 A. (approx.)
Cathode internally connected to Heater.				
Negative Grid Voltage	..	..	..	0-60 V.
(Value adjusted to give required light intensity)				

### SECOND ANODE VOLTAGE—

Maximum	..	..	..	5,000 V.
Working Value	..	..	..	4,000-5,000 V.

### FIRST ANODE VOLTAGE—

Maximum	..	..	..	250 V.
Working Value	..	..	..	250 V.

Maximum electro-magnetic deflection sensitivity  $\frac{13L}{\sqrt{V_{a2}}}$

(Where L is the length of deflection zone in millimeters and  $V_{a2}$  the second anode voltage)  $\sqrt{V_{a2}}$  mm. per Gauss.

Ampere turns for focussing coil .. .. 500 A/T.

# PRICE £12.12.0