

# Marconi X64

## Mixing Heptode

Marconi X64 is a mixing valve requiring a separate oscillator (KTZ63 or L63 are suitable) to form a complete frequency changing stage.

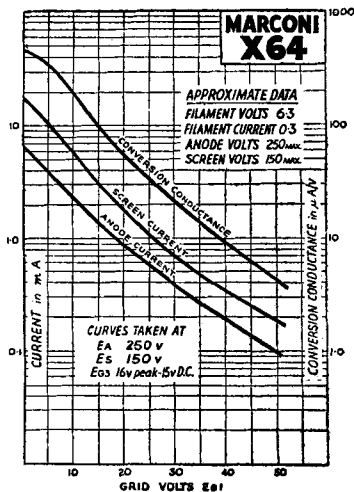
**Nominal Rating**, see curve.

### Inter-electrode capacities (with screening can)

G <sub>1</sub> -A	0.14 $\mu$ F	A-E	10.9 $\mu$ F
A-G <sub>3</sub>	0.72 $\mu$ F	G <sub>1</sub> -E	6.0 $\mu$ F
G <sub>1</sub> -G <sub>3</sub>	0.15 $\mu$ F	G <sub>3</sub> -E	11.9 $\mu$ F

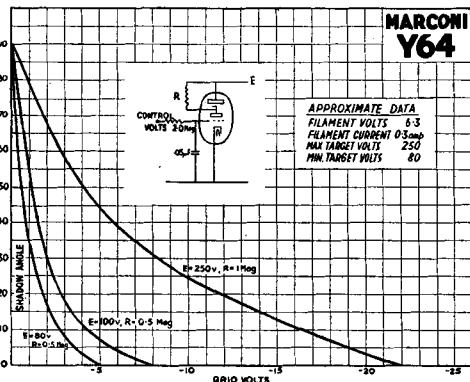
### Typical Operating Data.

Anode Voltage	...	250	250
Screen voltage	...	100	150
Grid bias	...	-3	-6
Peak heterodyne voltage	...	12	18
Anode current	...	2.4	3.25 mA
Screen current	...	6.5	8.75 mA
Conversion Conductance	...	290	310 $\mu$ A/V.



**Dimensions** : 114 $\times$ 40 mm. Octal base ; for connections see pages 4-5.

Price - - 10/6



# Marconi Y63 and Y64

## Tuning Indicators.

These indicators consist of a fluorescent screen and a variable mu triode amplifier. A shadow sector is varied in angle by the control voltage. Y63 is for A.C. receivers, Y64 for A.C./D.C. receivers where the H.T. voltage is usually too low to give a satisfactory glow with the Y63.

**Dimensions** : 108 $\times$ 40 mm. Octal base ; for connections see pages 4 & 5.

**MARCONI 6G5** is Y63 capped with a small 6 pin base.

Price - - 8/6 each