

Marconi International Range Valves

Marconi X63

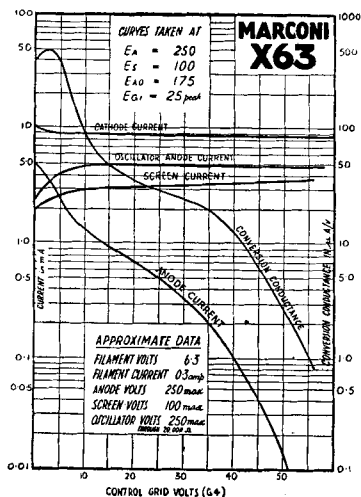
Heptode

Marconi X63 is a frequency changer which will operate satisfactorily on all wavelengths down to 15 metres.

Nominal Rating, see curve.

Inter-electrode capacities
(with screening can)

A — G ₄	0.3 $\mu\mu\text{F}$	G ₄ — E	8.6 $\mu\mu\text{F}$
G ₄ — G ₂	0.21 $\mu\mu\text{F}$	G ₂ — E	6.2 $\mu\mu\text{F}$
G ₄ — G ₁	0.22 $\mu\mu\text{F}$	G ₁ — E	8.2 $\mu\mu\text{F}$
G ₁ — G ₂	1.20 $\mu\mu\text{F}$	A — E	12.9 $\mu\mu\text{F}$



Dimensions : 114 × 40 mm. Octal base ; for connections see pages 4-5.

Typical Operating Data.

Anode voltage	...	...	...	...	250
Screen voltage	...	...	...	...	100
Oscillator anode voltage	...	...	...	...	250 through 20,000 ohms min.
Heterodyne voltage	...	...	...	...	25 peak
Grid bias	...	...	...	...	-3
Total cathode current	...	...	...	...	12 mA max.

Notes.

The screen should be fed from a potentiometer of good regulation. The heterodyne voltage is not very critical and can vary from the optimum between 5 and 35 volts peak without serious effect in gain. A small capacity of 1—2 $\mu\mu\text{F}$ introduced between G₁ and G₄ improves the gain on the higher frequencies. It is not advisable to apply A.V.C. to this valve below 50 metres.

Price - - 11/6