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)

\[
\begin{align*}
G_1 &- A \quad 0.14 \mu\text{F} & A &- E \quad 10.9 \mu\text{F} \\
A &- G_3 \quad 0.72 \mu\text{F} & G_1 &- E \quad 6.0 \mu\text{F} \\
G_1 &- G_3 \quad 0.15 \mu\text{F} & G_3 &- E \quad 11.9 \mu\text{F}
\end{align*}
\]

Typical Operating Data.

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

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

Price \(\ldots\) 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 x 40 mm. Octal base; for connections see pages 4 & 5.

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

Price \(\ldots\) 8/6 each