

Marconi X65

Triode Hexode

Marconi X65 is a frequency changer particularly suitable for all-wave receivers on account of its excellent short wave performance. Its input impedance remains high and pulling is negligible even at the highest frequencies.

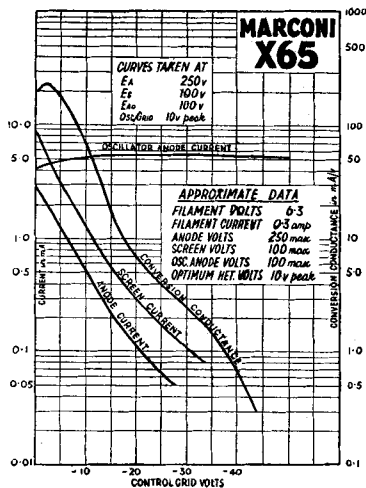
Nominal Rating, see curve.

Inter-electrode capacities

(with screening can)

A — G ₁	0.16 μF	G ₃ — A ₀	2.0 μF
A — E	10.2 μF	A ₀ — E	6.6 μF
G ₁ — E	4.0 μF	G ₃ — E	10.2 μF
		G ₃ — G ₁	0.11 μF

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



Typical Operating Data.

Anode voltage	...	...	...	...	250
Screen voltage	...	...	...	...	100
Grid bias	...	...	...	...	-3
Oscillator anode voltage	...	...	...	...	250 through 30,000 min.
Heterodyne voltage	...	...	...	...	10 peak
Impedance	...	...	...	...	2.5 megohms
Total cathode current	...	...	...	...	11.0 mA

Notes.

A tuned grid circuit is recommended but tuned anode can also be used. The heterodyne voltage is not critical, the change in gain between 5 and 20 volts being less than 3db. In A.C. receivers one side of the heater should be taken to earth and the other side earthed through 0.001 μF.

Price - - 11/6