

Marconi 4v. A.C. Mains Valves

Marconi X41

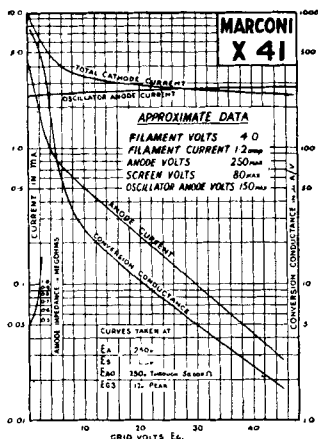
Triode Hexode

Marconi X41 is a frequency changer suitable for all wavelengths including the Television band.

Nominal rating, see curve.

Inter-electrode capacities
(metallised valve.).

G ₁ —A	0.046 μ F	A ₀ —E	8.5 μ F
G ₁ —E	7.0 μ F	G ₀ —E	17.0 μ F
A—E	21.5 μ F	G ₀ —G ₁	0.26 μ F
A ₀ —G ₀	3.56 μ F		



Dimensions : 135×44.5 mm. 7 pin base ; for connections see pages 4-5.

Typical Operating Data.

Anode voltage	...	...	...	...	...	...	250
Screen voltage	...	...	...	...	...	...	70
Oscillator anode voltage	...	...	...	...	...	...	100
Heterodyne voltage, L.W. operation	...	...	...	...	...	...	12 volts peak
Heterodyne voltage, S.W. operation	...	...	...	...	...	...	6 volts peak
Grid bias	...	...	...	...	...	...	-1.5
Bias resistance	...	...	...	...	...	...	200 ohms
Conversion impedance	...	...	...	...	...	...	1.25 megohm
Total cathode current	...	...	...	...	...	...	5.4 mA

Notes.

A tuned anode circuit is recommended for minimum pulling but tuned grid can be used with highly satisfactory results. The screen should be fed from a low resistance potentiometer and the oscillator anode from full H.T. through a series resistance of 50,000—100,000 ohms. The effective resistance between grid and cathode should not exceed 4.0 megohms.

Price - - 11/6

Marconi X41c

Marconi X41c is identical with X41 in characteristics but it has a ceramic base to eliminate the last traces of frequency drift in television receivers.

Price 12/6