

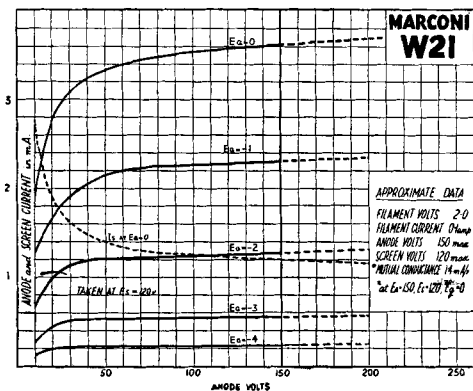
# Marconi W21

2 volt Variable Mu H.F.  
Pentode

Marconi W21 is suitable for the H.F. and I.F. stages of all battery receivers. It gives high gain with economical operation.

**Nominal Rating, see curve**  
**Inter-electrode capacities**  
(metallised valve).

A-G	.006 $\mu\mu$ F
A-E	6.8 $\mu\mu$ F
G-E	10.5 $\mu\mu$ F



**Dimensions :** 125×41 mm. 4 or 7 pin base ; for connections see pages 4-5.

## Typical Operating Data.

Anode voltage	...	...	...	...	150	150	120
Screen voltage	...	...	...	...	150	150 through 25,000 ohms	120
Grid bias	...	...	...	...	-1.5	-1.5	-1.0
Anode current	...	...	...	...	3.0 mA	3.0 mA	2.3 mA
Screen current	...	...	...	...	0.9 mA	0.7 mA	0.7 mA

## Notes.

Full control of gain is given by 9-12 volts bias. The total effective resistance between grid and filament should not exceed 2.0 megohms. W21 may be used as a grid leak detector with an anode load of 75,000 ohms and screen feed of 200,000 ohms, but the Z21 is in general more suitable for this purpose.

Price - - 9/-