



Nominal Rating, see curve

Marconi KTW63

Variable Mu H.F. Tetrode

Marconi KTW63 is a kinkless tetrode for H.F. and I.F. amplification. It replaces the pentode type W63.

Inter-electrode capacities

(with screening can)

| | |
|-----|---------------|
| G—A | .0035 μ F |
| A—E | 10.0 μ F |
| G—E | 4.9 μ F |

Dimensions : 120 \times 40 mm. Octal base ; for connections see pages 4-5.

Typical Operating Data.

As H.F. amplifier

| | | | | | | | | |
|-----------------|-----|-----|-----|-----|-----|-----|-----|----------|
| Anode Voltage | ... | ... | ... | ... | ... | ... | ... | 250 |
| Screen voltage | ... | ... | ... | ... | ... | ... | ... | 100 |
| Grid bias | ... | ... | ... | ... | ... | ... | ... | -3 |
| Bias resistance | ... | ... | ... | ... | ... | ... | ... | 300 ohms |

Notes.

The grid base with fixed screen voltage is 40 v. This may be extended by feeding the screen from a series resistance so that the screen voltage rises as the negative bias is increased. A 50,000 ohm screen feed gives a grid base of 150 volts. Intermediate values can be obtained by using high resistance potentiometers. The total effective resistance between cathode and grid should not exceed 2 megohms. The valve is not metallised and where screening is required a can should be used.

Price - - 10/6