



Marconi KT21

2 volt Output Tetrode.

Marconi KT21 has an extremely high slope and should be used where the utmost amplification per stage is required.

Nominal rating, see curve.

Inter-electrode capacities.

| | |
|-----|--------------|
| A—G | 1.14 μ F |
| A—E | 9.9 μ F |
| G—A | 12.0 μ F |

Dimensions : 118 × 45 mm. 5 pin base ; for connections see pages 4-5.

Typical Operating Data.

Single Valve. Class A.

| | | | | | |
|----------------|-----|-----|-------------|-------------|-------------|
| Anode voltage | ... | ... | 120 | 150 | 150 |
| Screen voltage | ... | ... | 120 | 120 | 150 |
| Grid bias | ... | ... | -2.5 | -2.5 | -2.5 |
| Anode current | ... | ... | 5.0 mA | 5.3 mA | 10.0 mA |
| Screen current | ... | ... | 1.2 mA | 0.9 mA | 2.3 mA |
| Optimum load | ... | ... | 19,000 ohms | 19,000 ohms | 10,000 ohms |
| Power output | ... | ... | 350 mW | 425 mW | 725 mW |

Two Valves. Class AB₁ (Q.P.P.)

| | | | | | |
|-------------------------------------|-----|-----|-----|----------|---------|
| Anode voltage | ... | ... | ... | 150 | 120 |
| Screen voltage | ... | ... | ... | V 132 | V 105.5 |
| | | | | W 140 | W 112 |
| | | | | X 147 | X 117.5 |
| | | | | Y 155 | Y 124 |
| | | | | Z 162 | Z 129.5 |
| Grid bias | ... | ... | ... | -5 | -4 |
| Optimum load | ... | ... | ... | 20,000 | 20,000 |
| Power output | ... | ... | ... | 1,250 mW | 610 mW |
| Quiescent anode current, per pair | ... | ... | ... | 3.0 mA | 1.8 mA |
| Quiescent screen current, per pair | ... | ... | ... | 1.0 mA | 0.6 mA |
| Full drive anode current, per pair | ... | ... | ... | 16.0 mA | 10.6 mA |
| Full drive screen current, per pair | ... | ... | ... | 3.6 mA | 2.8 mA |

Notes.

KT21 valves are graded V, W, X, Y, Z so that any pair may be used for Q.P.P. by adjusting the screen voltages as given in the above table.

Price - - 9/-