The BRIMAR type 6BW6 is a B9A (Noval) based output beam tetrode, the characteristics and ratings of which are identical to those of the 6V6G/GT. It is suitable for R.F. application up to frequencies of the order of 150 Mc/s.

**RATINGS**

- **Heater Voltage**: 6.3 volts
- **Heater Current**: 0.45 amp.
- **Anode Voltage**: 315 volts max.
- **Anode Dissipation**: 12.0 watts max.
- **Screen (g_s) Voltage**: 285 volts max.
- **Screen Dissipation**: 2.0 watts max.
- **Bulb Temperature**: 250° C. max.
- **D.C. Cathode Current**: 65 mA. max.

**OPERATING CHARACTERISTICS**

- **Anode Voltage**: 180 - 250 volts
- **Anode Current**: 29 - 45 mA
- **Screen Voltage**: 180 - 250 volts
- **Screen Current**: 3.0 - 4.5 mA
- **Control Grid (g_k) Voltage**: -8.5 - 12.5 volts
- **Cathode Bias Resistor**: 270 - 250 ohms
- **Anode Impedance**: 58,000 - 52,000 ohms
- **Mutual Conductance**: 3.7 - 4.1 mA/V
- **Inner Amplification Factor (h_{ik}, g_i)**: 10
- **Optimum Load**: 5,500 - 5,000 ohms
- **Power Output**: 2.0 - 4.5 watts
- **Harmonic Distortion**: 8.0 - 8.0 per cent.

**INTER-ELECTRODE CAPACITANCES**

- **Input**: 8.5 pF
- **Output**: 7.5 pF
- **Grid to Anode**: 0.6 pF

Type 6BW6 is a commercial equivalent of the CV2136.