



7271

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BEAM POWER TUBE

FORCED-AIR COOLED AT MAXIMUM RATINGS
315 WATTS CW INPUT (ICAS) UP TO 60 Mc
235 WATTS CW INPUT (ICAS) AT 175 Mc

*For use in mobile equipment operating
directly from 6-cell storage-battery systems*

The 7271 is the same as the 7270 except for the following items:
Heater, for Unipotential Cathode:

Voltage (DC)	13.5	$\begin{matrix} + 10\% \\ - 20\% \end{matrix}$	volts
Current at 13.5 volts.	1.25		amp

SPECIAL PERFORMANCE DATA

The 7271 is intended primarily for operation in mobile equipment having a nominal 12-volt power-supply system. In properly designed equipment, a 10% reduction in electrode voltages caused by a 10% reduction in the voltage of a 13.5-volt power supply will result in less than 3 db decrease in useful power output from any individual 7271. Similarly, a 20% reduction will result in a decrease in useful power output not exceeding 8 db.