



7271

7271

### 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	+ 10%	volts
		- 20%	
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.