

RADIO MANUFACTURERS ASSOCIATION ENGINEERING DEPARTMENT



GENERAL CHARACTERISTICS

TYPE 5650

RMA DATA BUREAU
90 WEST STREET
NEW YORK 6, N. Y.

Reflex Oscillator
Internal Cavity

REFLEX KLYSTRON

ELECTRICAL CHARACTERISTICS

Heater Voltage	6.3 volts
Heater Current	450 milliamperes
Maximum Frequency	1390 MC
Minimum Frequency	1245 MC

MAXIMUM RATINGS

Resonator Voltage	250 volts
Resonator Current	50 milliamperes
Reflector Voltage	-350 volts
Heater-Cathode Voltage (peak)	(+45 volts -45 volts)
Shell Temperature	130 centigrade

C. W. OPERATION

MECHANICAL INFORMATION

Type of Cathode	Coated Unipotential
Base and Physical Dimensions	- See outline Drawing BL-277337
Base Connections	" " " BL-277337
Mounting Data	May be mounted in any position

TYPICAL OPERATION (C.W.)

Frequency	1320 MC
Resonator Voltage	225 volts
Resonator Current	40 milliamperes
Reflector Voltage	-120 volts
Reflector Current	Less than 7 microamperes
Mode Number	150 volts
Electronic Tuning;	
Frequency Variation(E_R range-100 to -140)	5.5 MC
Modulation Sensitivity	0.14 MC/volt
Average Power Output	165 milliwatts

