



PULSED MAGNETRON

BLM-109
5.55-5.75 Gc

TENTATIVE DATA

DESCRIPTION

The BLM-109 is a compact, light weight (approx. 3½ pounds) tunable magnetron designed to provide a minimum peak power output of 25 kw. This tube features a high voltage 50 ohm TNC coaxial output connector. A high degree of frequency stability is an important feature.

FEATURES

- Light Weight
- Compact
- High Frequency Stability
- Coaxial Output

TYPICAL OPERATING PARAMETERS

Tunable Frequency	5.55 to 5.75 Gc
Peak P.O. (Min.)	25 kw
Peak Anode Voltage (Max)	10 kv
Peak Anode Current (Nom)	8.5 Amps
Duty Cycle (Max)	.001
Pulse Duration (Nom)	0.75 μ sec
Rate of Rise of Voltage (Max)	70 kv/ μ sec
Heater Voltage	12.6 v
Heater Current	1.15 Amps

Please refer to operating instructions before placing Pulsed Magnetron in operation.

Printed in U. S. A. (1000-3-15-62)

BOMAC laboratories, inc. A SUBSIDIARY OF VARIAN ASSOCIATES