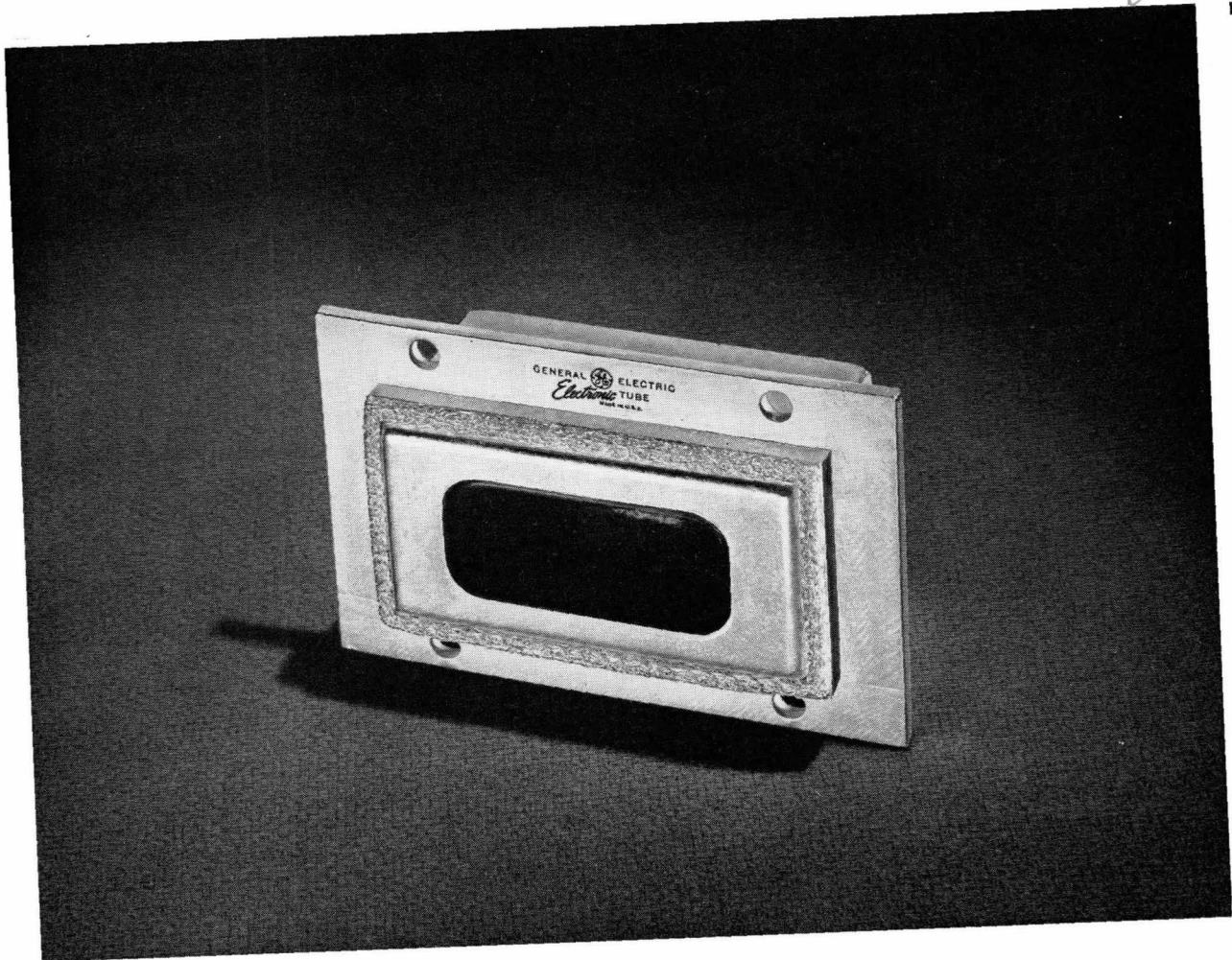




A-TR TUBE

BROADBAND

FIXED

3325 TO 3475 MEGACYCLES

The GL-5922 is a gas switching tube for use in pulsed microwave circuits. In such circuits it acts effectively to decouple the transmitter from a common transmitting and receiving antenna during a non-transmitting period. The operational band is from 3325 to 3475 megacycles per second.

TECHNICAL INFORMATION

GENERAL

Electrical

Center Frequency	3400	Megacycles
Operational Band at Voltage Standing Wave Ratio = 5, minimum	3325 to 3475	Megacycles
Loaded Q, maximum	5.5	
Transmitter Peak Power, minimum	20	Kilowatts
Center Frequency Normalized Conductance, maximum	0.05	
Center Frequency Normalized Susceptance	± 0.05	
Arc Power Loss, peak power = 20 kw, pulse repetition rate = 1000 pps, pulse width = 1 μ sec, frequency = 3300 mc, maximum	0.8	Decibels
High Level Voltage Standing Wave Ratio, maximum	1.15	

GENERAL  ELECTRIC

