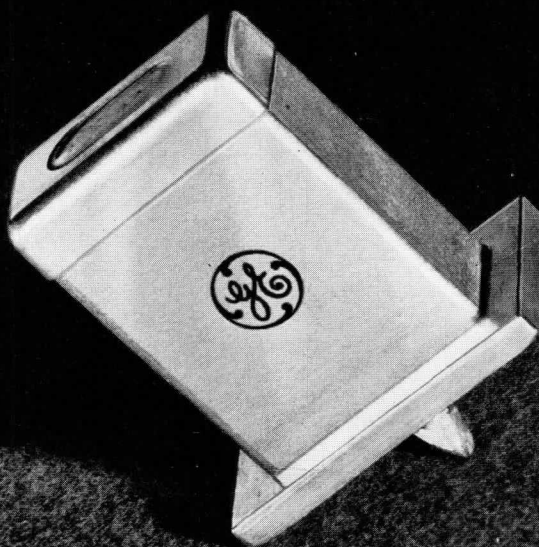




ANTI-TR TUBE

DESCRIPTION

The GL-1B37 is a gas switching tube for use in common transmitting and receiving antenna during pulsed microwave circuits. In such circuits it acts as a non-transmitting period. The operational band effectively to decouple the transmitter from a is from 8500 to 9000 megacycles.

TECHNICAL INFORMATION

These data are for reference only. For design information refer to specifications.

GENERAL CHARACTERISTICS

Electrical

Center frequency	8750	megacycles
Operational band at voltage standing		
Wave ratio 5 minimum	8500 to 9000	megacycles
Loaded Q, maximum	6.5	
Transmitter peak power, minimum	5	kilowatts
Center frequency normalized conductance, maximum	0.1	
Center frequency normalized susceptance	±0.06	
Arc power loss, peak power = 4 kw, pulse repetition rate = 1000 pps, pulse width = lusec, frequency = 8500 mc, maximum	0.8	decibels
High level voltage standing wave ratio, maximum	1.10	


Electronic
TUBE

GENERAL  ELECTRIC

