

ELECTRONIC TUBE REFERENCE

GL2H21

Specialized - Uncategorized electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
OTHER

Phasitron phase-modulator tube for FM transmitters, designed to introduce wide audio-frequency phase excursions into a crystal-controlled radio-frequency carrier.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION0 Other	
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM CATHODE CURRENT	6 mA
Phasitron phase-modulator section; plate maximum and cathode-current maximum promoted.	

The GL-2H21 is a phase-modulator tube for FM transmitters, intended to introduce wide phase excursions at audio-frequency rates into a crystal-controlled radio-frequency carrier.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1968 GENERAL ELECTRIC CO

Section 0 · Other

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate No.1 Voltage Maximum	300 V	—
Plate No.2 Voltage Maximum	300 V	—
Deflector Voltage Maximum	100 V	—
Grid No.1 Voltage Maximum	25 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical RF Output Voltage	4 V rms	PhaseModulator
Audio Modulating Power for 180 Degree Phase Shift	50 mW	PhaseModulator