

ELECTRONIC TUBE REFERENCE

1Q26A

Specialized - Microwave Tube electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
MICROWAVE

Vacuum-sealed fixed-frequency transmission reference cavity at 9.28 GHz, designed as a stable passive frequency-determining standard.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Microwave
No fixed ratings recorded.

The GL-1Q26-A is a fixed-frequency transmission-type vacuum-sealed reference cavity for use as a frequency-determining reference at 9280 megacycles.

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 1 · Microwave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Resonant frequency	9280 MHz	—
Loaded Q	1000–1500	—
Insertion loss	5–8 dB	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Ambient temperature	-55–100 C	—
Incident peak power maximum	5000 W	—
Resonant frequency change with vibration 10 g	-0.1–0.1 MHz	—
Resonant frequency change with temperature 40 C to +100 C	-0.3–0.3 MHz	—