



ELECTRONIC TUBE REFERENCE

5836

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Broadband reflex klystron designed for continuous-wave or pulse-modulated oscillator service with external cavities from roughly 1.6 to 6.5 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 750 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE VOLTAGE	350 V
MAXIMUM CATHODE CURRENT	35 mA
<i>Reflex-klystron electron-beam interaction section.</i>	

Broadband reflex klystron for continuous-wave or pulse-modulated oscillator service with external cavities from roughly 1600 to 6500 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 Sylvania

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

1950 SYLVANIA

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	350 V	—
Maximum Cathode Current	35 mA	—
Operating Frequency Maximum	6500 MHz	—
Resonator Voltage	350 V	—
Resonator Current	35 mA	—
Reflector Voltage	-700 V	—
Power Input	12 W	—
Pulse Repetition Rate Maximum	4000 pps	—
Minimum Pulse Duration	0.5 us	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Klystron

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Minimum Operating Frequency	1600 MHz	—
Maximum Operating Frequency	6500 MHz	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid 1 Modulation	Amplitude text	Grid 1 usable for amplitude modulation

TUBE TINKER

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and their source documents.

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