



ELECTRONIC TUBE REFERENCE

2K26

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Tunable reflex klystron designed as a microwave receiver local oscillator, with mechanical or thermal tuning across its specified operating band.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 440 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron	
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM CATHODE CURRENT	35 mA
<i>Single-resonator reflex klystron oscillator.</i>	

Single-resonator reflex klystron with integral cavity and mechanical tuning for microwave local-oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 RCA Industrial and Communications Types

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

1960 RCA INDUSTRIAL AND COMMUNICATIONS TYPES

Section 1 · Klystron

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Microwave local oscillator	—

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Electrical tuning range	55 MHz	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Useful RF output	100 mW	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 RCA HB3 Binder 6 of 7

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

1971 RCA HB3 BINDER 6 OF 7

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater/filament voltage	6.3 V	—
Heater/filament current	440 mA	—
Maximum DC resonator voltage	330 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum negative reflector voltage	-350 V	—
Maximum resonator current	35 mA	—
Typical resonator voltage	300 V	6660MHz
Typical reflector voltage minimum	-120 V	6660MHz
Typical reflector voltage maximum	-65 V	6660MHz
Typical resonator current	25 mA	6660MHz
Electronic tuning range	55 MHz	HalfPower
Power output	120 mW	Typical
Peak heater-cathode voltage	50 V	BothPolarities

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency range minimum	6250 MHz	—
Frequency range maximum	7060 MHz	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#)
[Tube types](#)
[Full books](#)
[Blog](#)
[Feedback & corrections](#)

© 2026 Tube Tinker