



ELECTRONIC TUBE REFERENCE

RD12LA

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Lorenz magnetically focused decimeter-wave drift tube producing roughly 12 W at 20-25 cm wavelength, intended for RF generation with forced-air cooling.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 900 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Klystron

No fixed ratings recorded.

Published ratings and characteristics were promoted when unambiguous; additional operating values are preserved in TUBE_SECTION_PARAMETER.

Lorenz RD12LA is a magnetically focused drift-tube microwave device producing approximately 12 W at 20-25 cm wavelength and requiring air cooling in operation.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

194X Wehrmacht Rohren

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

194X WEHRMACHT ROHREN

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage	450–650 V	Published operating range
Resonator voltage	400–600 V	Published operating range
Aperture voltage	0–200 V	Published operating range
Maximum plate current	200 mA	—
Maximum resonator current	50 mA	—
Maximum aperture current	50 mA	—
Magnetic field	500–600 G	Direction C-D
RF output power	12 W	Wavelength 20-25 cm

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