



ELECTRONIC TUBE REFERENCE

RD2XF

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power transmitting triode intended for RF amplification, oscillation, or related professional service. Manufacturer documentation emphasizes radio-frequency operation, useful power output, and transmitter or industrial applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 50 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0056 S
AMPLIFICATION FACTOR	20
MAXIMUM PLATE DISSIPATION	2000 W
Promoted fields populated from published maximum-ratings/characteristic tables where OCR semantics were unambiguous.	

The TESLA RD2XF tube is an air-cooled Die TESLA-Rohre RD2XF ist eine luft- short-wave triode of 2 kW anode dissipa- gekühlte Kurzwellentriode mit 2 kW Ano- tion, suitable for use in AF and RF power denverlustleistung, geeignet für Nieder- amplifiers and oscillators at frequencies up frequenz- - und | Hochfrequenz-Kraftver- to 150 Mc/s. stärker und Oszillatoren für Frequenzen bis zu 150 MHz.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Tesla

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

195X TESLA

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	12 V	Nominal or midpoint of published heater range
Heater current	50 A	Nominal or midpoint of published heater range

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode dissipation	2000 W	Published tube rating

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitance Czg/k	12 pF	Published source value
Interelectrode capacitance Cag	9 pF	Published source value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1966 Tesla Tubes

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

1966 TESLA TUBES

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	12 V	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	45 A–55 A	—

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