

ELECTRONIC TUBE REFERENCE

VRS331

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Directly heated thoriated-tungsten power triode for amplifier service through the HF range. Approximately 450 W plate dissipation and multi-kilovolt capability provide substantial transmitting and power-amplifier operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 5.9 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.014 S
AMPLIFICATION FACTOR	10
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	450 W
MAXIMUM CATHODE CURRENT	500 mA
Directly heated thoriated-tungsten power triode.	

A directly heated thoriated-tungsten power triode with a 2.5 kV maximum anode voltage and operation up to 20 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	RFPower text	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	20 MHz	—
Plate Current	300 mA	ClassA;Plate 1.3 kV;Grid -115 V