



ELECTRONIC TUBE REFERENCE

R50

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated low-frequency power-amplifier triode intended especially for final audio stages driving loudspeakers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	3.8 V / 100 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	10000 Ω
AMPLIFICATION FACTOR	9
MAXIMUM PLATE VOLTAGE	120 V
<i>Published ratings and characteristics promoted from the approved source.</i>	

Directly heated low-frequency power-amplifier triode intended especially for final audio stages driving loudspeakers.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 La Radiotechnique

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

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Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	3.8 V	Nominal
HeaterCurrentNominal	100 mA	Nominal
Maximum Plate Voltage	120 V	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	9	Typical
Plate Resistance	10000 ohm	Typical