

ELECTRONIC TUBE REFERENCE

DA250

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Directly heated oxide-cathode power triode designed principally for high-power push-pull audio amplification. Rated for approximately 250 W plate dissipation and 2.5 kV plate voltage for substantial professional audio and modulator stages.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	10 V / 20 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	2300 Ω
TRANSCONDUCTANCE	0.07 S
AMPLIFICATION FACTOR	16
MAXIMUM PLATE VOLTAGE	2500 V
MAXIMUM PLATE DISSIPATION	250 W
Applicable promoted ratings mapped semantically from the printed approximate-data/ratings tables; useful non-promoted operating, capacitance and service data retained in TUBE_SECTION_PARAMETER.	

Directly heated oxide-cathode power triode designed principally for push-pull audio amplifiers.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1955 Marconi

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

1955 MARCONI

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Resistance	2300 ohm	—
Anode-Grid Capacitance	41 pF	—
Anode-Cathode Capacitance	6 pF	—
Grid-Cathode Capacitance	21 pF	—
Typical Zero-Signal Plate Voltage	2700 V	ClassAB1;PushPull
Typical Maximum-Signal Plate Voltage	2500 V	ClassAB1;PushPull
Typical Maximum-Signal Plate Current	360 mA	ClassAB1;PushPull

TUBE TINKER

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

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