

ELECTRONIC TUBE REFERENCE

DA41

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Thoriated-tungsten carbon-anode power triode designed for Class B push-pull audio amplification. Its high amplification factor and approximately 40 W plate dissipation permit a two-tube stage to provide roughly 175 W output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 3.1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	17200 Ω
TRANSCONDUCTANCE	0.0036 S
AMPLIFICATION FACTOR	62
MAXIMUM PLATE DISSIPATION	40 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.	

Thoriated-tungsten carbon-anode triode designed for Class-B push-pull audio amplification; about 175 W per pair.

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	17200 ohm	—
Anode-Grid Capacitance	5.9 pF	—
Anode-Cathode Capacitance	1.8 pF	—
Grid-Cathode Capacitance	10 pF	—
Two-Tube Class-B Output	175 W	ClassB;PushPull
Maximum-Signal Plate Current	280 mA	ClassB;PushPull