



ELECTRONIC TUBE REFERENCE

DG2

Voltage Radio Detector Converter electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Directly heated double-grid valve for superheterodyne receivers, especially portable sets. It can combine detector and local-oscillator functions in a single frequency-changing stage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	2 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Tetrode	
PLATE RESISTANCE	3750 Ω
TRANSCONDUCTANCE	0.0012 S
AMPLIFICATION FACTOR	4.5
MAXIMUM PLATE VOLTAGE	100 V
<i>Published characteristics/ratings were promoted when unambiguous; remaining operating values are preserved in TUBE_SECTION_PARAMETER.</i>	

Four-electrode double-grid valve intended particularly for superheterodyne receivers, especially portable sets; usable as a combined detector-oscillator.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

192X Marconi Valve

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

192X MARCONI VALVE

Section 1 · Tetrode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Inner grid maximum voltage	20 V	—
Anode current	0.25–0.5 mA	Ea=40-80 V; outer grid=-6 to -15 V; inner grid=+2 V
Anode current	1.5–2 mA	Ea=20-25 V; outer grid=-13 to -5 V; inner grid=+20 V