



ELECTRONIC TUBE REFERENCE

U10

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated full-wave rectifier for modest AC power supplies, providing approximately 60 mA DC output for receiver and general electronic equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
<i>Published maximum ratings and characteristics audited; remaining useful numerical data retained in parameter table.</i>	

SECTION2 Rectifier	
NOMINAL OUTPUT CURRENT	60 mA
<i>Physical rectifier section 2; identical section values duplicated per physical-section policy.</i>	

Full-wave rectifier providing up to 60 mA at 250 V.



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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC output voltage	250 V	Published approximate operating data



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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
—. Recririep CurReNT Max	60 mA	—. Recririep CurReNT Max. 60.MA.
IMPEDANCE	220 ohm	IMPEDANCE 220.0HMs, /
L T	4 A	L T 4] ing rectified current to the field wind-
FILAMENT VOLTS	40	FILAMENT VOLTS 40 l' /
F—FILAMENT CURRENT [1]	2 A	F—FILAMENT CURRENT 2-5 AMPS 4
F—FILAMENT CURRENT [2]	-5 A	F—FILAMENT CURRENT 2-5 AMPS 4
F—FILAMENT CURRENT [3]	4 A	F—FILAMENT CURRENT 2-5 AMPS 4
ANODE VOLTS MAX [1]	350	ANODE VOLTS MAX 350+350 RMS, y. . y,
ANODE VOLTS MAX [2]	350	ANODE VOLTS MAX 350+350 RMS, y. . y,
large output valves of the PX	4	large output valves of the PX.4 type, : /

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
voltage. U [1]	12 V	voltage. U.12 is often used as a com- 20,
voltage. U [2]	20 V	voltage. U.12 is often used as a com- 20,
THE INPUT VOLTAGE	1	THE INPUT VOLTAGE 1S
AC voltage per anode	250 V	Maximum RMS input voltage, 250+250 V center-tapped.
Rectified current	60 mA	Maximum DC output current.
Rectifier impedance	220 ohm	Published approximate impedance.

TUBE TINKER

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