



ELECTRONIC TUBE REFERENCE

IW4500

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Mullard indirectly heated full-wave power rectifier for higher-voltage receiver and amplifier supplies. Its four-volt heater supports substantial conventional electronic DC output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 2.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier

NOMINAL OUTPUT CURRENT	120 mA
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Representative of two identical rectifier sections.

SECTION2 Rectifier

NOMINAL OUTPUT CURRENT	120 mA
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Second physical Rectifier section added for documented full-wave construction.

The Mullard IW4-500 is an indirectly heated full-wave power rectifier for supplies of roughly 500 V at 120-125 mA.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Mullard Receiving Tubes

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

1958 MULLARD RECEIVING TUBES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMS Input per Anode	500 V	—
Rectified Output Current	120 mA	—
Reservoir Capacitance	16 uF	CapacitorInputFilter
Minimum Supply Impedance per Anode	150 ohm	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Mullard

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

1963 MULLARD

Section 1 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	4 V	—
Heater Current	2.5 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum RMS Input Voltage per Anode	500 V	—
Maximum DC Output Current	120 mA	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Reservoir Capacitance	16 uF	—
Minimum Limiting Resistance per Anode	150 ohm	—

TUBE TINKER

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