



ELECTRONIC TUBE REFERENCE

FW4800

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Directly heated full-wave power rectifier for higher-voltage DC supplies. Its four-volt filament and substantial inverse-voltage capability suit amplifier and other high-voltage electronic power supplies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	British4Pin	BASE PINS	4
NOMINAL HEATER	4 V / 3 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM CATHODE CURRENT	125 mA
NOMINAL OUTPUT CURRENT	125 mA
Full-wave directly heated rectifier; RMS anode voltage retained as parameter.	

SECTION2 Rectifier	
MAXIMUM CATHODE CURRENT	125 mA
NOMINAL OUTPUT CURRENT	125 mA
Physical rectifier section 2; identical section values duplicated per physical-section policy.	

Directly heated full-wave power rectifier for outputs up to 800 V at 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 anode voltage	850 V	PerAnode;2x850V
Reservoir capacitance maximum	4 uF	—
Minimum series resistance 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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	4 V	—
HeaterOrFilamentCurrent	3 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RMSInputVoltagePerAnodeMaximum	850 V	—
DCOutputCurrentMaximum	125 mA	—
ReservoirCapacitanceMaximum	4 uF	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
SeriesResistancePerAnodeMinimum	150 ohm	—

TUBE TINKER

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and their source documents.

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