



ELECTRONIC TUBE REFERENCE

RFG5

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Indirectly heated high-voltage half-wave rectifier for cathode-ray-tube supplies and voltage-doubler circuits. Rated for approximately 16 kV peak inverse voltage with about 10 mA average output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	16000 V
NOMINAL OUTPUT CURRENT	10 mA
<i>Published ratings and characteristics promoted where unambiguous; additional source values preserved as parameters.</i>	

Indirectly heated half-wave high-voltage rectifier for cathode-ray-tube supplies; usable in voltage-doubler circuits.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

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

1953 RFT RUNDFUNK TECHNIK

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	200 mA	Nominal
Maximum Peak Inverse Voltage	16000 V	—
Rectified Output Current	10 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1959 Telefunken

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

1959 TELEFUNKEN

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	200 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
TransformerRMSVoltage	5.5 kV	2mAOutput
TransformerRMSVoltage	3 kV	10mAOutput