



ELECTRONIC TUBE REFERENCE

RG62D

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-vacuum half-wave rectifier for high-voltage supplies. Its multi-kilovolt inverse-voltage capability and moderate current suit professional electronic DC systems.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	2.5 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	4600 V
NOMINAL OUTPUT CURRENT	175 mA
PEAK FORWARD CURRENT	800 mA
WARM-UP TIME	3 s
<i>Published Telefunken ratings and characteristics promoted from the supplied German source.</i>	

Directly heated high-vacuum half-wave rectifier for high-voltage power supplies.

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	2.5 V	—
HeaterOrFilamentCurrent	4 A	—
WarmupTimeMinimum	3 s	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Dissipation	15 W	PIV<3600V
Plate Dissipation	10 W	PIV>3600V