



ELECTRONIC TUBE REFERENCE

A207

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
RECTIFIER

Directly heated high-vacuum half-wave rectifier for high-voltage supplies, associated with service types CV2160 and CV8051 and rated to approximately 45 kV inverse voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 12 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
MAXIMUM PLATE DISSIPATION	130 W
PEAK INVERSE VOLTAGE	40000 V
NOMINAL OUTPUT CURRENT	350 mA
PEAK FORWARD CURRENT	11 A
<i>Published maximum ratings and characteristics audited; remaining useful numerical data retained in TUBE_SECTION_PARAMETER.</i>	

High-vacuum half-wave rectifier, service types CV2160 and CV8051, rated to 45 kV peak inverse voltage.



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
With an anode dissipation of	130 W	With an anode dissipation of 130 watts the anode will
PIV (max) [1]	40	PIV (max) 40 kV I-544"DIA. OVER FILAMENT
PIV (max) [2]	544	PIV (max) 40 kV I-544"DIA. OVER FILAMENT
Peak inverse voltage	40000 V	Maximum rating.
Peak anode current	11 A	Maximum rating.
Anode dissipation	130 W	Maximum rating.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Rectifier

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal Impedance	600 Ohm	At 300 mA

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

