



ELECTRONIC TUBE REFERENCE

267B

Rectifier - Half Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

RECTIFIER

Air-cooled directly heated half-wave mercury-vapor rectifier for high-voltage supplies. Rated for approximately 7.5 kV peak inverse voltage, 2 A DC output, and 8 A peak current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 6.75 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Rectifier	
PEAK INVERSE VOLTAGE	7500 V
NOMINAL OUTPUT CURRENT	1 A
PEAK FORWARD CURRENT	4 A
FORWARD VOLTAGE DROP	10 V
WARM-UP TIME	30 s
<i>In-phase current ratings promoted; quadrature ratings retained separately as parameters when published.</i>	

Air-cooled half-wave mercury-vapor rectifier with an oxide-coated filament, rated for 7500 V peak inverse anode voltage.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 Western Electric Tubes

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

1956 WESTERN ELECTRIC TUBES

Section 1 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament Voltage	5 V	—
Filament Current	6.75 A	—
Peak Inverse Anode Voltage	7500 V	—
Maximum Peak Anode Current	4 A	InPhase
Maximum Average Anode Current	1 A	InPhase
Maximum Averaging Time	15 s	—
Maximum Peak Anode Current	8 A	Quadrature
Maximum Average Anode Current	2 A	Quadrature

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Condensed Mercury Temperature Range	35-75 °C	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 200s

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

2026 WESTERN ELECTRIC 200S

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumAverageAnodeCurrent	1 A	InPhase
MaximumAverageAnodeCurrent	2 A	Quadrature
MaximumInstantaneousAnodeCurrent	4 A	InPhase
MaximumInstantaneousAnodeCurrent	8 A	Quadrature

TUBE TINKER

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