



ELECTRONIC TUBE REFERENCE

264C

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

General-purpose receiving triode for voltage amplification, detection, oscillator, or Class-A service as documented by the manufacturer.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	1.5 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	12400 Ω
TRANSCONDUCTANCE	0.00058 S
AMPLIFICATION FACTOR	7.2
MAXIMUM PLATE VOLTAGE	100 V
<i>Electrical characteristics stated identical to 264B except lower microphonics and slightly changed capacitances; representative point 100 V plate, -8 V grid.</i>	

Western Electric general-purpose triode with a 1.5 V, 0.3 A oxide-coated filament and a published Class-A operating point.



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 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	1.5 V	—
Heater Current	300 mA	—
Maximum Plate Voltage	110 V	—
Plate Voltage	100 V	ClassA
Plate Current	2.1 mA	ClassA
Power Output	0.033 W	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	7.2	ClassA
Transconductance	580 μ S	ClassA
Plate Resistance	12400 ohm	ClassA



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

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Plate Capacitance	4.9 pF	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Filament Capacitance	3.2 pF	—
Plate To Filament Capacitance	2.2 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	2.1 mA	PlateVoltage=100V;GridBias=-8V
MicrophonicNoiseOutput	-43 dB re 1V	PlateVoltage=100V;GridBias=-8V;Load=100kohm
EquivalentFluctuationNoiseInput	-114 dB re 1V	40to10600Hz;PlateVoltage=100V;GridBias=-8V

TUBE TINKER

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

[Catalog](#)
[Tube types](#)
[Full books](#)
[Blog](#)
[Feedback & corrections](#)

© 2026 Tube Tinker