



ELECTRONIC TUBE REFERENCE

262B

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	10 V / 320 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	17500 Ω
TRANSCONDUCTANCE	0.0009 S
AMPLIFICATION FACTOR	15.7
MAXIMUM PLATE VOLTAGE	200 V
262B/347A shared electrical characteristics. Representative point: 120 V plate, -4.5 V grid, 2.1 mA. Maximum operating points extend to 180 V.	

Western Electric general-purpose triode with a 10.0 V, 0.32 A heater-type cathode 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	10 V	—
Heater Current	320 mA	—
Maximum Plate Voltage	200 V	—
Maximum Heater-Cathode Voltage	30 V	—
Plate Voltage	135 V	ClassA
Plate Current	2.8 mA	ClassA
Power Output	0.035 W	ClassA

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification Factor	15.7	ClassA
Transconductance	900 μ S	ClassA
Plate Resistance	17500 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	1.9 pF	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid To Cathode And Heater Capacitance	2.3 pF	—
Plate To Cathode And Heater Capacitance	4.1 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Heater Cathode Voltage	30 V	—
Plate Current	2.1 mA	PlateVoltage=120V;GridBias=-4.5V
HumOutputLevel	-116 dB re 1mA	PlateVoltage=135V;GridBias=-4.5V;Load=15kohm;SupplyFrequency
MicrophonicNoiseOutput	-54 dB re 1V	PlateVoltage=135V;GridBias=-4.5V;Load=100kohm



SOURCE OPERATING CONDITIONS

2026 Western Electric 300s

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

2026 WESTERN ELECTRIC 300S

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical plate current	2.8 mA	PlateVoltage=180V;GridVoltage=-7.5V

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Microphonic noise mean level	-54 dB	PlateVoltage=135V;GridBias=-4.5V;LoadResistance=100000ohm

TUBE TINKER

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