



ELECTRONIC TUBE REFERENCE

101D

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Western Electric directly heated triode for professional electronic service. Available source material confirms its construction without establishing a narrower functional role confidently.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	4.5 V / 1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	5800 Ω
TRANSCONDUCTANCE	0.00107 S
AMPLIFICATION FACTOR	6.2
MAXIMUM PLATE VOLTAGE	200 V
Low-power filamentary triode; later sheet states it replaces D-86326.	

The Western Electric 101D is a triode listed in the supplied catalog table.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1933 Western Electric Tubes

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

1933 WESTERN ELECTRIC TUBES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate-grid capacitance	5 pF	Published direct interelectrode capacitance
Plate-filament capacitance	2 pF	Published direct interelectrode capacitance
Grid-filament capacitance	3.7 pF	Published direct interelectrode capacitance



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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum/Typical Power Output	0.065 W	Catalog-table value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	200 V	Catalog-table value



2026 Western Electric 100s

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

2026 WESTERN ELECTRIC 100S
Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	4.5 V	—
Filament current	1 A	—
Maximum plate voltage	190 V	—
Plate voltage	130 V	Published operating column 1
Grid voltage	-9 V	Published operating column 1
Plate current	7.4 mA	Published operating column 1
Amplification factor	6	Published operating column 1
Plate resistance	5700 ohm	Published operating column 1
Power output	65 mW	Published operating column 1
Plate voltage	130 V	Published operating column 2
Grid voltage	-9 V	Published operating column 2
Plate current	7.4 mA	Published operating column 2
Amplification factor	6	Published operating column 2
Plate resistance	5700 ohm	Published operating column 2
Power output	60 mW	Published operating column 2
Plate voltage	160 V	Published operating column 3
Grid voltage	-14 V	Published operating column 3
Plate current	7.35 mA	Published operating column 3
Amplification factor	6	Published operating column 3
Plate resistance	5800 ohm	Published operating column 3
Power output	135 mW	Published operating column 3
Plate voltage	190 V	Published operating column 4
Grid voltage	-18 V	Published operating column 4
Plate current	8.35 mA	Published operating column 4
Amplification factor	5.95	Published operating column 4

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	5600 ohm	Published operating column 4
Power output	230 mW	Published operating column 4

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	6.4 pF	Based tube without socket
Grid-to-filament capacitance	4.4 pF	Based tube without socket
Plate-to-filament capacitance	2.9 pF	Based tube without socket

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate resistance	5800 ohm	Representative published operating point
Transconductance	1070 uS	Representative published operating point
Amplification factor	6.2	Representative published operating point

TUBE TINKER

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