



ELECTRONIC TUBE REFERENCE

284D

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Low-mu directly heated Western Electric audio power triode for substantial single-ended Class A output. Manufacturer operating data supports about 40 W output from a 1.25 kV plate supply, with 100 W maximum plate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	10 V / 3.25 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	1900 Ω
TRANSCONDUCTANCE	0.0025 S
AMPLIFICATION FACTOR	4.8
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	100 W
MAXIMUM CATHODE CURRENT	150 mA
Maximum ratings and characteristic constants promoted where reliably published in the approved sheet.	

Air-cooled transmitting triode for Class A audio service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1945 United Electronics

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

1945 UNITED ELECTRONICS

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	10 V	—
Filament current	3.25 A	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum direct plate voltage	1250 V	—
Maximum plate dissipation	100 W	—



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

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	10 V	—
HeaterOrFilamentCurrent	3.25 A	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	1250 V	ClassA;Audio

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Power Output	40 W	ClassA;Audio



SOURCE DATA APPENDIX

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 Filament Capacitance	6 pF	—
Plate To Filament Capacitance	5.6 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
MaximumDirectGridCurrent	100 mA	—
MaximumFrequencyAtFullRatings	6 MHz	—