



ELECTRONIC TUBE REFERENCE

295A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Medium-mu directly heated Western Electric power triode for Class B audio and RF service. A push-pull pair can deliver roughly 250 W, while its 100 W plate dissipation and high-voltage ratings also support transmitting applications.

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	6000 Ω
TRANSCONDUCTANCE	0.0042 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	100 W
MAXIMUM CATHODE CURRENT	175 mA
Characteristics at $E_b=1250$ V, $I_b=80$ mA.	

Air-cooled transmitting triode.



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	—



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
Plate to Grid Capacitance	14.5 pF	—
Grid to Filament Capacitance	6.5 pF	—
Plate to Filament Capacitance	5.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Direct Grid Current	50 mA	—
Maximum RF Grid Current	7.5 A	—
Maximum Frequency at Full Ratings	6 MHz	—

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Direct Plate Voltage	1250 V	ClassB;TwoTubes
Grid Bias	-40 V	ClassB;TwoTubes
Approximate Maximum Output	250 W	ClassB;TwoTubes