



ELECTRONIC TUBE REFERENCE

435A

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

High figure-of-merit amplifier tetrode for high-frequency signal amplification. Its construction emphasizes useful gain and performance at elevated radio frequencies.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
PLATE RESISTANCE	13000 Ω
TRANSCONDUCTANCE	0.0155 S
MAXIMUM PLATE VOLTAGE	190 V
MAXIMUM SCREEN VOLTAGE	160 V
MAXIMUM PLATE DISSIPATION	3 W
MAXIMUM SCREEN DISSIPATION	0.75 W
MAXIMUM CATHODE CURRENT	36 mA
<i>Promoted from printed maximum ratings and representative typical characteristics.</i>	

Western Electric 435A is a high figure-of-merit tetrode with an indirectly heated cathode designed for Bell System L-3 amplifier service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Western Electric 400s

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

2026 WESTERN ELECTRIC 400S

Section 1 · Tetrode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid to plate maximum without external shield	0.03 pF	—
Input without external shield	8.1 pF	—
Output without external shield	3.3 pF	—

TUBE TINKER

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