



ELECTRONIC TUBE REFERENCE

389AA

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled water-filament high-power transmitting triode designed for Class C radio-frequency power service in substantial transmitter equipment.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	11 V / 150 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.016 S
AMPLIFICATION FACTOR	22
MAXIMUM PLATE VOLTAGE	8500 V
MAXIMUM PLATE DISSIPATION	7500 W
<i>Published ratings and characteristics promoted from the supplied Western Electric source.</i>	

Forced-air-cooled water-filament high-power transmitting triode for Class C RF service.



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	11 V	—
HeaterOrFilamentCurrent	150 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	5000 V	ClassC;Unmodulated
Typical Plate Current	1.5 A	ClassC;Unmodulated
Power Output	13500 W	ClassC;Unmodulated

TUBE TINKER

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and their source documents.

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