



ELECTRONIC TUBE REFERENCE

364A

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Western Electric directly heated air-cooled transmitting triode for Class C RF and plate-modulated service. Approximately 50 W plate dissipation and 1.5 kV plate capability make it suitable for moderate-power communications transmitters.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0045 S
AMPLIFICATION FACTOR	50
MAXIMUM PLATE VOLTAGE	1500 V
MAXIMUM PLATE DISSIPATION	50 W
MAXIMUM CATHODE CURRENT	120 mA
<i>Air-cooled transmitting triode.</i>	

The Western Electric 364A is a directly heated air-cooled transmitting triode for Class C RF and plate-modulated 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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Current	120 mA	—
Maximum Frequency	150 MHz	—
Typical Maximum Power Output	85 W	ClassC; RF; PlateModulated

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Plate Voltage	1000 V	—
Typical Plate Current	100 mA	—

TUBE TINKER

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and their source documents.

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