



ELECTRONIC TUBE REFERENCE

5936

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Water- and forced-air-cooled high-power triode for modulator, amplifier, and oscillator service. Rated for an enormous 70 kW plate dissipation and 18 kV plate voltage for major broadcast and communications transmitter installations.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	21 V / 143 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	37
MAXIMUM PLATE VOLTAGE	18000 V
MAXIMUM PLATE DISSIPATION	70000 W
MAXIMUM CATHODE CURRENT	60 A
<i>Published ratings and characteristics promoted from the approved Westinghouse/RMA source.</i>	

Water- and forced-air-cooled high-power triode for modulator, amplifier and oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Westinghouse

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

1947 WESTINGHOUSE

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Power Output	136 kW	ClassC;RFPower
Maximum Frequency Full Ratings	15 MHz	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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