



ELECTRONIC TUBE REFERENCE

815

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Twin beam-power transmitting tube for push-pull RF amplification, oscillation, multiplication, driver, audio-amplifier, and modulator service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	6.5
MAXIMUM PLATE VOLTAGE	500 V
MAXIMUM SCREEN VOLTAGE	225 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM SCREEN DISSIPATION	10 W
MAXIMUM CATHODE CURRENT	150 mA
<i>Published ratings and characteristics promoted from the supplied General Electric source.</i>	

Twin beam-power tube with center-tapped heater for push-pull audio amplifier/modulator and RF amplifier/oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

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

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	6.3 V	—
HeaterOrFilamentCurrent	1.6 A	—
OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
FrequencyForMaximumRatings	150 MHz	—
PowerInput	75 W	PushPull;ClassC



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 RCA Transmitting Tubes

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

1956 RCA TRANSMITTING TUBES

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	4000 μ S	—
Amplification Factor	6.5	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	500 V	—
Maximum Screen Voltage	225 V	—
Maximum Plate Dissipation	25 W	—
Maximum Cathode Current	150 mA	—
Full-Input Operating Frequency Maximum	125 MHz	—
Power Output	54 W	ClassAB2,AF,TwoSections
Heater Voltage Series	12.6 V	—
Heater Current Series	800 mA	—
Heater Voltage Parallel	6.3 V	—
Heater Current Parallel	1.6 A	—
Typical Plate Voltage	500 V	Representative published point
Typical Plate Current	150 mA	Representative published point