



ELECTRONIC TUBE REFERENCE

1625

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power transmitting tube intended for RF power amplification and oscillator service, also capable of high-power push-pull Class-AB audio operation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 450 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	750 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM SCREEN DISSIPATION	3.5 W
<i>Representative electrical section; promoted values mapped from published ratings and characteristics where applicable.</i>	

Beam-power transmitting tube of heater-cathode construction, intended for RF power amplification and oscillation and also useful in high-power audio 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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum signal plate input per tube	90 W	ClassAB Audio
Maximum signal power output two tubes	120 W	ClassAB PushPull
Maximum operating frequency	60 MHz	Published datasheet value



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1961 Tung Sol

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

1961 TUNG SOL

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	600 V	ClassC;RFPowerAmplifierOrOscillator
Power Output	35 W	ClassC

TUBE TINKER

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

