



ELECTRONIC TUBE REFERENCE

7371

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Linear beam-power pentode designed for single-sideband suppressed-carrier transmitters, with useful operation through approximately 175 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 3.2 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.0045 S
AMPLIFICATION FACTOR	5
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM SCREEN VOLTAGE	600 V
MAXIMUM PLATE DISSIPATION	75 W
MAXIMUM SCREEN DISSIPATION	10 W
<i>Published ratings and characteristics promoted where clearly applicable; additional source values retained as section parameters.</i>	

Linear beam-power pentode for single-sideband suppressed-carrier transmitters, usable through 175 MHz.

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 · Beam Power

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater or filament voltage	6.3 V	Published nominal/representative value
Heater or filament current	3.2 A	Published nominal/representative value
Amplification factor	5	Published

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate dissipation	75 W	Published
Maximum operating frequency	175 MHz	Published
Maximum signal power output	210 W	Published high-output condition

TUBE TINKER

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and their source documents.

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