

ELECTRONIC TUBE REFERENCE

6JZ6

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
BEAMPOWER

Beam-power pentode designed for television horizontal-deflection output service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E12-74	BASE PINS	12
NOMINAL HEATER	6.3 V / 1.5 A	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
PLATE RESISTANCE	9900 Ω
TRANSCONDUCTANCE	0.009 S
MAXIMUM PLATE VOLTAGE	770 V
MAXIMUM SCREEN VOLTAGE	220 V
MAXIMUM PLATE DISSIPATION	18 W
MAXIMUM SCREEN DISSIPATION	3.5 W
MAXIMUM CATHODE CURRENT	230 mA
Horizontal-deflection output section.	

The Westinghouse 6JZ6 is a beam-power pentode for television horizontal-deflection output service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1965 Westinghouse Data Book

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

1965 WESTINGHOUSE DATA BOOK

Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	6.3 V	—
Heater Current	1.5 A	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum DC Plate Supply Voltage	770 V	HorizontalDeflection
Maximum Peak Positive Plate Voltage	6500 V	Pulse
Maximum Peak Negative Plate Voltage	1500 V	Pulse
Maximum Plate Dissipation	18 W	—
Maximum Screen Voltage	220 V	—
Maximum Screen Dissipation	3.5 W	—
Maximum Average Cathode Current	230 mA	—
Maximum Peak Cathode Current	800 mA	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak Positive Pulse Plate Voltage	6500 V	HorizontalDeflection

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Input Capacitance	24 pF	—
Output Capacitance	8.5 pF	—

TUBE TINKER

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