



ELECTRONIC TUBE REFERENCE

26LX6

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Duodecar beam-power tube designed as a horizontal-deflection amplifier in color and black-and-white television receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	E12-74	BASE PINS	12
NOMINAL HEATER	26 V / 600 mA	PARALLEL HEATER	– / –
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	6000 Ω
TRANSCONDUCTANCE	0.014 S
AMPLIFICATION FACTOR	4
MAXIMUM PLATE VOLTAGE	700 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	33 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	400 mA
<i>Horizontal-deflection service; peak positive pulse plate rating promoted.</i>	

Duodecar beam-power tube used as a horizontal-deflection amplifier in color and black-and-white television receivers.



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

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Plate-Supply Voltage	990 V	HorizontalDeflection
Peak Cathode Current	1400 mA	HorizontalDeflection

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	125 mA	AverageCharacteristics
Screen Current	3.3 mA	AverageCharacteristics



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1975 RCA RC30

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

1975 RCA RC30

Section 1 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage 175 5000 45	175 V	Published in approved target datasheet entry
Grid-No. 2 (Screen-Grid) Voltage 175 110 160	110 V	Published in approved target datasheet entry
Grid-No. 1 (Control-Grid) Voltage -21 0	-21 V	Published in approved target datasheet entry
Plate Resistance (Approx.)	6000 ohm	Published in approved target datasheet entry

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Trans conductance	14000 μ S	Published in approved target datasheet entry
Plate Current 1100t	125 mA	Published in approved target datasheet entry
Grid-No. 2 Current 11CJ	3.3 mA	Published in approved target datasheet entry
current of	1 mA	Published in approved target datasheet entry
current of 1 mA	-125 V	Published in approved target datasheet entry

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
DC Plate Supply Voltage	990 V	Published in approved target datasheet entry
Peak Positive Pulse Plate Voltage# (Absolute Maximum Value)	7000 V	Published in approved target datasheet entry
Peak Negative-Pulse Plate Voltage	100 V	Published in approved target datasheet entry
Grid-No. 3 Voltage, Positive-bias value	0 V	Published in approved target datasheet entry
Grid-No. 2 Voltage	250 V	Published in approved target datasheet entry
Peak Negative Grid-No. 1 Voltage	250 V	Published in approved target datasheet entry
Peak Cathode Current	1400 mA	Published in approved target datasheet entry
Average Cathode Current	400 mA	Published in approved target datasheet entry
Plate Dissipation' (Absolute Maximum Value)	33 W	Published in approved target datasheet entry
Grid-No. 2 Input	5 W	Published in approved target datasheet entry
With feedback-type high voltage regulation	1.2 Mohm	Published in approved target datasheet entry
With shunt-type high voltage regulation (switching mode)	2.2 Mohm	Published in approved target datasheet entry
Grid-No.3-Circuit Resistance	0 ohm	Published in approved target datasheet entry
Peak Positive Pulse Plate Voltage 5000 G	0 V	Published in approved target datasheet entry
– 190	-210 V	Published in approved target datasheet entry
of	200 V	Published in approved target datasheet entry
of 200 volts – 210	-235 V	Published in approved target datasheet entry

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

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