



ELECTRONIC TUBE REFERENCE

8BN11

Voltage - Dual Pentode electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

PENTODE-PENTODE

Compactron containing two sharp-cutoff pentodes intended primarily for television intermediate-frequency amplifier service, providing two similar high-gain stages in one envelope.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
NOMINAL HEATER	8.4 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode

No fixed ratings recorded.

Representative row for two identical sharp-cutoff pentodes. Uploaded sheet is reference/equivalence-only: it states identity to 6BN11 except heater characteristics/ratings and does not reproduce the referenced electrical tables; promoted values intentionally not inferred.

SECTION2 Pentode

No fixed ratings recorded.

Second physical pentode section; reference-only source does not reproduce electrical tables.

The 8BN11 is a Compactron containing two sharp-cutoff pentodes, intended primarily for intermediate-frequency amplifier service in television receivers. Except for heater characteristics and ratings, it is identical to the 6BN11.



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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage AC or DC + o 0 0 0 0 5 + 0	8.4 V	GENERAL
Heater voltage for a bogey tube at If	600 mA	GENERAL
The time required for the voltage across the heater to reach	80 %	GENERAL

TUBE TINKER

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and their source documents.

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