



ELECTRONIC TUBE REFERENCE

322A

Power - Pentode (NOT beam) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
PENTODE

Power pentode designed primarily for Class-C radio-frequency transmitting, amplifier, oscillator, or modulated RF service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	10 V / 5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.0014 S
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	125 W
<i>Values extracted from Western Electric summary tables; additional table data retained as parameters.</i>	

Air-cooled transmitting pentode for suppressor-grid-modulated Class-C RF service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1956 Western Electric Tubes

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

1956 WESTERN ELECTRIC TUBES

Section 1 · Pentode

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube service	Transmitting tube	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical RF power output	53 W	ClassC

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