



ELECTRONIC TUBE REFERENCE

339A

Power - Pentode (NOT beam) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Western Electric air-cooled transmitting pentode designed for Class-B RF power service. Its defining role is radio-frequency power amplification in transmitting equipment rather than receiver audio output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	6 V / 1 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
TRANSCONDUCTANCE	0.0048 S
AMPLIFICATION FACTOR	96
MAXIMUM PLATE DISSIPATION	45 W
Values extracted from Western Electric summary tables; additional table data retained as parameters.	

Air-cooled transmitting pentode for Class-B RF power 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 Class-B RF power output	30 W	ClassB

TUBE TINKER

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