



ELECTRONIC TUBE REFERENCE

340A

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Western Electric water-cooled transmitting triode for high-power Class B RF service. Approximately 25 kW plate dissipation and 20 kV plate capability place it in major fixed transmitter installations requiring very large radio-frequency output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / 72 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.00682 S
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	20000 V
MAXIMUM PLATE DISSIPATION	25000 W
Values extracted from Western Electric summary tables; additional table data retained as parameters.	

Water-cooled high-power transmitting triode for Class-B 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 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tube service	Transmitting tube	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical Class-B RF power output	9000 W	ClassB