



ELECTRONIC TUBE REFERENCE

232B

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Very-high-power water-cooled transmitting triode for RF service. Western Electric catalog data show operation at plate voltages up to about 20 kV with multi-kilowatt output and exceptionally high plate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	20 V / 60 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0065 S
AMPLIFICATION FACTOR	40
MAXIMUM PLATE VOLTAGE	20000 V
MAXIMUM PLATE DISSIPATION	25000 W
Source is a condensed Western Electric catalog table.	

The Western Electric 232B is a triode listed in the supplied catalog table. It is a water-cooled transmitting type intended for high-power 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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum/Typical Power Output	9000 W	Catalog-table value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	20000 V	Catalog-table value
Maximum Plate Dissipation	25000 W	Catalog-table value