ELECTRONIC TUBE REFERENCE

228A

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

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Water-cooled transmitting power triode intended for high-power RF operation. Western Electric catalog data specify kilowatt-class output and plate dissipation with several-kilovolt plate operation.

General characteristics

BASE DESIGNATION	_	**BASE PINS**	_
NOMINAL HEATER	21.5 V / 41 A	**PARALLEL HEATER**	_ / _
HEATING	Direct	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Triode

TRANSCONDUCTANCE	0.0065 S
AMPLIFICATION FACTOR	17
MAXIMUM PLATE VOLTAGE	6000 V
MAXIMUM PLATE DISSIPATION	5000 W

Published maximum ratings and general characteristics promoted; direct interelectrode capacitances are published.

The Western Electric 228A 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

1956 Western Electric Tubes

SOURCE PDF

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	**1100 W**	Catalog-table value

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Plate Voltage	**6000 V**	Catalog-table value
Maximum Plate Dissipation	**5000 W**	Catalog-table value

TUBE TINKER

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