



ELECTRONIC TUBE REFERENCE

215A

Voltage - Triode (under 100V) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Western Electric directly heated triode with a one-volt filament for low-power professional or battery-operated electronic service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	1 V / 250 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	13700 Ω
TRANSCONDUCTANCE	0.00042 S
AMPLIFICATION FACTOR	5.8
MAXIMUM PLATE VOLTAGE	60 V
<i>Promoted fields mapped from published ratings/characteristics; additional published values preserved in parameter table.</i>	

The Western Electric 215A is a triode listed in the supplied catalog table.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1933 Western Electric Tubes

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

1933 WESTERN ELECTRIC TUBES

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate-grid capacitance	2.6 pF	Published direct interelectrode capacitance
Plate-filament capacitance	12 pF	Published direct interelectrode capacitance



SOURCE OPERATING CONDITIONS

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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	0.0029 W	Catalog-table value



SOURCE OPERATING CONDITIONS

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2026 Western Electric 200s

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

2026 WESTERN ELECTRIC 200S

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament current	0.25 ampere	Filament current 0.25 ampere, d.c.
Nominal filament voltage	1 volt	Nominal filament voltage 1.0 volt
Plate current characteristics as functions of plate voltage are shown in Figure	7 volt	Plate current characteristics as functions of plate voltage are shown in Figure 7 for several values
area, ABCD, in Figure	3	area, ABCD, in Figure 3. Amplification factor, plate resistance, transconductance, and performance
The level of the third harmonic in the	215	The level of the third harmonic in the 215A tube is usually low and may differ widely in individual
Microphonic Noise—With a plate voltage of	60 volt	Microphonic Noise—With a plate voltage of 60 volts, a grid bias of —3 volts, and a load
resistance of	100000 ohms	resistance of 100,000 ohms, the mean microphonic noise output level of the 215A tube, measured
FILAMENT CURRENT=	25 AMPERE	FILAMENT CURRENT=0,25 AMPERE D.C