



ELECTRONIC TUBE REFERENCE

CX301A

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power triode for audio-output, amplifier, or oscillator service with manufacturer operating data supporting substantial power delivery.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	4
NOMINAL HEATER	5 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	10000 Ω
TRANSCONDUCTANCE	0.0008 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	135 V
<i>Cunningham CX-301A directly heated general-purpose detector and amplifier triode, maximum plate voltage 135 V. At 135 V and -9 V grid bias, typical amplification factor 8, transconductance 800 μmhos, plate resistance 10000 ohms, plate current 3 mA. For grid-leak detector service recommended plate voltage is no more than 45 V.</i>	

CX301A: Cunningham power amplifier triode. The complete bulletin was read for construction, ratings, circuit recommendations, and operating characteristics.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1931 Cunningham Radio Tubes

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

1931 CUNNINGHAM RADIO TUBES

Section 1 · Triode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament/heater voltage	5 V	—
Filament/heater current	250 mA	—

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