

ELECTRONIC TUBE REFERENCE

CX371A

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

SECTION1 Triode	
PLATE RESISTANCE	1960 Ω
TRANSCONDUCTANCE	0.00152 S
AMPLIFICATION FACTOR	3
MAXIMUM PLATE VOLTAGE	180 V
Cunningham CX-371A directly heated audio-output triode intended for final AF amplifier service, maximum plate voltage 180 V. Typical characteristics at 135 V and -27 V grid bias: amplification factor 3, transconductance 1520 μmhos, plate resistance 1960 ohms, plate current 17.5 mA. Undistorted power output depends on operating point and load.	

CX371A: 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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