

ELECTRONIC TUBE REFERENCE

4C21

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

General-purpose directly heated transmitting triode for Class A, B, and C amplifier, modulator, and oscillator service. Rated around 1.25 kV and 100 W plate dissipation, it supports both RF and audio-frequency power applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	4AZ	BASE PINS	4
NOMINAL HEATER	10 V / 3.25 A	PARALLEL HEATER	– / –
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	3600 Ω
TRANSCONDUCTANCE	0.0036 S
AMPLIFICATION FACTOR	12
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	100 W
General maximum plate-voltage/dissipation ratings and salient characteristics promoted; detailed class-service operating points preserved as parameters.	

The 4C21 is a general-purpose triode with 10 V, 3.25 A filament and ratings for Class A, Class B, and Class C amplifier, modulator, and oscillator service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 General Electric Co

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

1968 GENERAL ELECTRIC CO

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-Plate Capacitance	14.5 pF	—
Input Capacitance	6 pF	—
Output Capacitance	5.5 pF	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Class A Plate Current	60 mA	ClassA
Class A Plate Power Output	19.7 W	ClassA
Class B Maximum Signal Power Output	260 W	ClassB;TwoTubes

TUBE TINKER

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and their source documents.

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