



ELECTRONIC TUBE REFERENCE

F6073

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Forced-air-cooled transmitting triode for broadcast and telecommunications audio or RF power amplification. Approximately 5 kW plate dissipation and multi-kilovolt operation provide several kilowatts of plate-modulated Class C output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 100 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.03 S
AMPLIFICATION FACTOR	30
MAXIMUM PLATE VOLTAGE	5000 V
MAXIMUM PLATE DISSIPATION	5000 W
MAXIMUM CATHODE CURRENT	3.2 A
Published promoted ratings/characteristics retained where readable; additional values are in TUBE_SECTION_PARAMETER.	

Forced-air-cooled transmitting power triode for broadcast and telecommunications service, suitable for audio and RF amplification and about 8 kW output at 30 MHz.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum frequency	30 MHz	—
Plate voltage	5000 V	ClassC;PlateModulated
Plate current	2 A	ClassC;PlateModulated
Useful output power	7.8 kW	ClassC;PlateModulated;f=30MHz

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-plate capacitance	23 pF	—
Grid-to-filament capacitance	30 pF	—
Plate-to-filament capacitance	1.5 pF	—