



ELECTRONIC TUBE REFERENCE

5762

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled high-power transmitting triode for professional RF amplifier service. Rated for 4 kW plate dissipation, it produces about 6 kW Class C output and supports reduced-rating operation into the VHF region near 220 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / 29 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
AMPLIFICATION FACTOR	29
MAXIMUM PLATE VOLTAGE	6200 V
MAXIMUM PLATE DISSIPATION	4000 W
MAXIMUM CATHODE CURRENT	10 A

Forced-air-cooled RF transmitting triode for high-power amplifier service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage up to 70 MHz	12.6 V	—
Filament voltage above 70 MHz	11.8 V	—
Filament current	29 A	—
Maximum surge filament current	175 A	—
Frequency for full ratings	30 MHz	—
Frequency at reduced ratings	220 MHz	—
Class-C telegraphy output power	6 kW	—