



ELECTRONIC TUBE REFERENCE

CV5289

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled transmitting triode for high-power RF amplifier service. Rated for about 4 kW plate dissipation and 6.2 kV plate voltage, providing substantial professional communications and broadcast-frequency power.

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

SECTION 1 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. Explicit equivalent/service designation printed in approved source.

SOURCE OPERATING CONDITIONS

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	—

TUBE TINKER

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