



ELECTRONIC TUBE REFERENCE

C1136

Power - Beam (NOT sweep) (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

VHF radial-beam tetrode designed for amplifier, oscillator, or modulator applications, capable of kilowatt-class Class-C RF output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 14.5 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Beam Power	
TRANSCONDUCTANCE	0.004 S
AMPLIFICATION FACTOR	5.1
MAXIMUM PLATE VOLTAGE	4000 V
MAXIMUM SCREEN VOLTAGE	800 V
MAXIMUM PLATE DISSIPATION	400 W
MAXIMUM GRID DISSIPATION	4 W
MAXIMUM CATHODE CURRENT	400 mA

VHF radial-beam tetrode for amplifier, oscillator or modulator applications.



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 · Beam Power

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak usable cathode current	2.2 A	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Output power	1.1 kW	ClassC

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