



ELECTRONIC TUBE REFERENCE

C1158

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Low-impedance beam tetrode designed for DC control equipment, triode-connectable and suitable for pulse operation with multiampere peak cathode current.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	26 V / 1.3 A	PARALLEL HEATER	13 V / 2.6 A
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	13000 Ω
TRANSCONDUCTANCE	0.035 S
AMPLIFICATION FACTOR	45.8
MAXIMUM PLATE VOLTAGE	800 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	90 W
MAXIMUM SCREEN DISSIPATION	10 W
MAXIMUM GRID DISSIPATION	1 W
MAXIMUM CATHODE CURRENT	800 mA

Low-impedance beam tetrode for d.c. control equipment; triode-connectable and suitable for pulse operation.



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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Pulse anode voltage	1500 V	Pulse
Pulse cathode current	5 A	Pulse

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