



ELECTRONIC TUBE REFERENCE

5B257M

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Beam-power amplifier variant in the 5B254 family, intended for professional power-amplifier applications using the family's established electrical characteristics.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12 V / 470 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	33000 Ω
TRANSCONDUCTANCE	0.008 S
MAXIMUM PLATE VOLTAGE	400 V
MAXIMUM PLATE DISSIPATION	25 W
MAXIMUM CATHODE CURRENT	125 mA
<i>Explicit alias/equivalent/co-designation printed in source for 5B254G.</i>	

The 5B257M is a beam-power amplifier in the 5B254 family, electrically based on the 5B254M characteristics.



SOURCE OPERATING CONDITIONS

1946 Standard Telephone and Cables

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

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Beam Power

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Interelectrode capacitances published	1	See source table for individual capacitances



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Brimar Radio Valve No 7

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

1958 BRIMAR RADIO VALVE NO 7

Section 1 · Beam Power

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode Voltage	350 V	ClassA
Anode Current	54 mA	ClassA
Screen Voltage	250 V	ClassA
Screen Current	2.5 mA	ClassA
Optimum Load	4200 ohm	ClassA
Power Output	11 W	ClassA

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

