



ELECTRONIC TUBE REFERENCE

EL136

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

High-power beam output tube for television line-output and pulse-power service, combining high transconductance, approximately 30 W plate dissipation, and strong repetitive pulse capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.6 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.016 S
MAXIMUM PLATE VOLTAGE	800 V
MAXIMUM SCREEN VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	30 W
Published ratings/characteristics promoted from the approved source.	

High-power beam output tube for television line-output and pulse-power service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 La Radiotechnique

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

1953 LA RADIOTECHNIQUE

Section 1 · Beam Power

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterVoltageNominal	6.3 V	Nominal
HeaterCurrentNominal	1.6 A	Nominal
Maximum Plate Voltage	800 V	—
Maximum Screen Voltage	300 V	—
Maximum Plate Dissipation	30 W	—

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Transconductance	16000 μ S	Typical

TUBE TINKER

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and their source documents.

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