



ELECTRONIC TUBE REFERENCE

TH336

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Conduction- and convection-cooled Thomson-CSF high-gain planar ceramic-metal triode for linear television-translator service. Very high gain and transconductance support compact professional RF amplification with moderate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 1.9 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.07 S
AMPLIFICATION FACTOR	230
MAXIMUM PLATE VOLTAGE	1600 V
MAXIMUM PLATE DISSIPATION	150 W
Promoted from printed general-characteristics and maximum-ratings tables.	

The Thomson-CSF TH336 is a conduction/convection-cooled high-gain planar ceramic/metal triode for linear television-translator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1972 Thomson CSF

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

1972 THOMSON CSF

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Amplification factor	230	—
Transconductance	70000 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	1600 V	—
Maximum anode dissipation	150 W	—
Maximum operating frequency	1000 MHz	—
Typical frequency	780 MHz	—
Typical anode voltage	1200 V	—
Typical anode current	100 mA	—
Gain	20 dB	—
Peak video power	25 W	—

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode/input capacitance	3.6 pF	—
Grid-cathode/output capacitance	16.5 pF	—
Cathode-anode capacitance	0.04 pF	—