



ELECTRONIC TUBE REFERENCE

TH328

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Forced-air-cooled Thomson-CSF high-gain planar ceramic-metal triode for linear television-translator service. High transconductance and substantial plate dissipation provide considerably greater professional RF power than smaller translator-service planar triodes.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5.6 V / 5.4 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.085 S
AMPLIFICATION FACTOR	180
MAXIMUM PLATE VOLTAGE	2200 V
MAXIMUM PLATE DISSIPATION	750 W
Promoted from printed general-characteristics and maximum-ratings tables.	

The Thomson-CSF TH328 is a forced-air-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	180	—
Transconductance	85000 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	2200 V	—
Maximum anode dissipation	750 W	—
Maximum operating frequency	1000 MHz	—
Typical frequency	780 MHz	—
Typical anode voltage	1800 V	—
Typical anode current	400 mA	—
Gain	20 dB	—
Peak video power	100 W	—