

ELECTRONIC TUBE REFERENCE

TH326

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

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Forced-air-cooled Thomson-CSF high-gain planar power triode for highly linear television-translator amplification. Very high amplification factor and transconductance provide strong linear RF performance from a compact structure.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 2 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.08 S
AMPLIFICATION FACTOR	250
MAXIMUM PLATE VOLTAGE	2000 V
MAXIMUM PLATE DISSIPATION	270 W
Promoted from printed general-characteristics and maximum-ratings tables.	

The Thomson-CSF TH326 is a forced-air-cooled high-gain planar triode for highly linear television-translator amplification.

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	250	—
Transconductance	80000 μ S	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	2000 V	—
Maximum anode dissipation	270 W	—
Maximum operating frequency	1000 MHz	—
Typical frequency	780 MHz	—
Typical anode voltage	1800 V	—
Typical anode current	140 mA	—
Gain	20 dB	—
Video output power	50 W	—