

ELECTRONIC TUBE REFERENCE

TOP1226

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Traveling-wave microwave amplifier for broadband communications, radar, satellite, or other high-frequency RF amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 350 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 TravelingWave	
MAXIMUM CATHODE CURRENT	23 mA
Traveling-wave electron-beam device; helix, anode, collector and beam values are preserved in parameters.	

The Thomson-CSF TOP1226 is a broadband 12.4-18 ghz traveling-wave amplifier for transportable and airborne equipment.

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 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency range	12.4–18 GHz	—
Heater voltage	6.3 V	—
Heater current	350 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Rated/minimum output power	2 W	—
Gain at rated/saturated output	40 dB	—
Helix voltage	2.5–3.2 kV	—
Helix current	0–3 mA	—
Anode voltage	0.2–0.8 kV	—
Anode current	0–1 mA	—
Collector voltage	1.2–1.8 kV	—
Cathode current	0–23 mA	—
Collector dissipation	50 W	—