

ELECTRONIC TUBE REFERENCE

TP0125

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Forced-air-cooled high-power pulsed traveling-wave amplifier covering approximately 1.1-1.5 GHz and producing roughly 4 kW peak output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	— / 1.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1	TravelingWave
No fixed ratings recorded. Published source values promoted where applicable; additional electrical, storage, RF, pulse and cooling data retained as parameters.	

High-power pulsed traveling-wave tube amplifier covering roughly 1.1-1.5 GHz with forced-air cooling.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1958 Compagnie General

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

1958 COMPAGNIE GENERAL

Section 1 · TravelingWave

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	1100 MHz	—
Frequency maximum	1500 MHz	—
Peak RF output	4 kW	Pulse
Small-signal gain	30 dB	—

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cooling method	Forced air	—

TUBE TINKER

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and their source documents.

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