

ELECTRONIC TUBE REFERENCE

TP0025

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 / 2.1 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.

L-band traveling-wave tube amplifier for pulsed and continuous operation around 1.2-1.35 GHz.



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	1215 MHz	—
Frequency maximum	1350 MHz	—
Pulse RF output minimum	6.6 W	Pulse
Small-signal gain	23 dB	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

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