



ELECTRONIC TUBE REFERENCE

F4088

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Broadband 2-4 GHz traveling-wave amplifier with periodic-permanent-magnet focusing, approximately 32 dB gain, and 2-watt saturated RF output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 TravelingWave

No fixed ratings recorded.

Published source values promoted where applicable; additional electrical, RF, pulse and cooling data retained as parameters.

Broadband traveling-wave tube amplifier covering 2-4 GHz with integral periodic-permanent-magnet focusing and watt-level output.

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	2 GHz	—
Frequency maximum	4 GHz	—
Small-signal gain	32 dB	—
Saturated RF output	2 W	—

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Focusing method	Periodic permanent magnet	—

TUBE TINKER

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and their source documents.

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