



ELECTRONIC TUBE REFERENCE

F4059

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Broadband traveling-wave power amplifier covering 5.925–6.425 GHz, with at least 10 watts output and more than 20 watts saturated output.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION 1 TravelingWave

No fixed ratings recorded.

Microwave performance and operating ratings are stored as condition-aware parameters from the supplied CSF source.

Broadband traveling-wave power amplifier covering 5925–6425 MHz, with at least 10 W output and more than 20 W saturated 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

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
OperatingFrequencyMinimum	5.925 GHz	—
OperatingFrequencyMaximum	6.425 GHz	—
PowerOutputMinimum	10 W	—
SaturatedPowerOutputMinimum	20 W	—
SignalToNoiseMinimum	75 dB	—
Cooling	Natural air convection	—

TUBE TINKER

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and their source documents.

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