



ELECTRONIC TUBE REFERENCE

F4024

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Metal-ceramic broadband traveling-wave amplifier for roughly 2.15–4.3 GHz, providing high gain and moderate noise for military and airborne receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 450 mA	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.

Metal-ceramic broadband traveling-wave amplifier for roughly 2.15–4.3 GHz service, with high gain and moderate noise for military and airborne receivers.

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
Heater Voltage	6.3 V	—
Heater Current	450 mA	—
OperatingFrequencyMinimum	2.15 GHz	—
OperatingFrequencyMaximum	4.3 GHz	—
GainMinimum	35 dB	2.3-4.3GHz
SaturatedPowerOutputMinimum	30 mW	—
SaturatedPowerOutputMaximum	60 mW	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
NoiseFigureMaximum	13 dB	2.15-2.3GHz

TUBE TINKER

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and their source documents.

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