



ELECTRONIC TUBE REFERENCE

C063

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRAVELINGWAVE

Integral-magnet broadband Carcinotron backward-wave oscillator covering 4.8–9.6 GHz, electronically tunable with forced-air cooling and approximately 15–150 mW RF output.

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

SECTION 1 TravelingWave

No fixed ratings recorded.

Backward-wave/Carcinotron microwave oscillator section; frequency, line-voltage, power and modulation data retained as parameters.

Integral-magnet broadband Carcinotron oscillator covering 4.8–9.6 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

CONSTRUCTION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Device class	Backward-wave oscillator / Carcinotron	—
Cooling method	Forced air	—

APPLICATION

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	Electronically tunable microwave oscillator	—

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	4.8 GHz	—
Frequency maximum	9.6 GHz	—
RF output minimum	15 mW	—
RF output maximum	150 mW	—

TUBE TINKER

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and their source documents.

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