

ELECTRONIC TUBE REFERENCE

F4134

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Broadband 1-2 GHz traveling-wave power amplifier providing at least 10 watts saturated output and 33 dB minimum small-signal gain.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 1.3 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, RF, pulse and cooling data retained as parameters.	

Broadband L-band traveling-wave tube power amplifier covering 1-2 GHz with at least 10 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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency minimum	1 GHz	—
Frequency maximum	2 GHz	—
Saturated RF output minimum	10 W	—
Small-signal gain minimum	33 dB	—
Warmup time	180 s	—

CONSTRUCTION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Cooling method	Forced air	—