

ELECTRONIC TUBE REFERENCE

ZM3129

Specialized - Traveling Wave electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRAVELINGWAVE

Lightweight metal-ceramic PPM-focused traveling-wave amplifier covering 8.5–9 GHz, producing approximately 1 MW peak output with 30 dB gain.

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

SECTION1	TravelingWave
No fixed ratings recorded.	
Published ratings and characteristics promoted semantically from the approved source.	

Lightweight metal-ceramic high-power traveling-wave tube with periodic-permanent-magnet focusing and approximately 1 MW peak output.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1950 General Electric Transmitting Types

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1950 GENERAL ELECTRIC TRANSMITTING TYPES

Section 1 · TravelingWave

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Frequency Minimum	8500 MHz	—
Frequency Maximum	9000 MHz	—
Gain	30 dB	Minimum/nominal as published

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Saturated Power Output	1000000 W	—