

ELECTRONIC TUBE REFERENCE

F2040

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

KLYSTRON

Fixed-tuned five-cavity S-band pulse klystron for particle accelerators and radar, producing approximately 25 MW peak output over the 2.7-3.2 GHz family range.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	22 V / 12 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Klystron
No fixed ratings recorded.
Microwave performance and operating ratings are stored as condition-aware parameters from the supplied CSF source.

High-power fixed-tuned five-cavity S-band klystron amplifier for particle accelerators and radar; 25 MW peak output over the 2700-3200 MHz family range.

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 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	22 V	—
Heater Current	12 A	—
OperatingFrequencyMinimum	2700 MHz	—
OperatingFrequencyMaximum	3200 MHz	—
Peak Power Output	25 MW	Pulsed
AveragePowerOutput	12 kW	Pulsed
PulseWidth	6 us	—
Gain	50 dB	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker