



ELECTRONIC TUBE REFERENCE

F2015

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Fixed-tuned four-cavity S-band pulse klystron for linear accelerators and radar, producing roughly 5 MW peak output near 3 GHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	8 V / 45 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 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 four-cavity S-band klystron amplifier for pulsed linear accelerators and radar; about 5 MW peak output near 3 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 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater Voltage	8 V	—
Heater Current	45 A	—
OperatingFrequencyMinimum	2700 MHz	—
OperatingFrequencyMaximum	3200 MHz	—
Peak Power Output	5 MW	Pulsed
AveragePowerOutput	5 kW	Pulsed
MinimumGain	35 dB	—
Cooling	Water	—