



## ELECTRONIC TUBE REFERENCE

# F2043

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

**1 SECTION**  
CONSTRUCTION  
**KLYSTRON**

Water-cooled fixed-tuned four-cavity S-band pulse klystron delivering roughly 20 MW peak output near 3 GHz.

## 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

**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 delivering about 20 MW peak output near 3000 MHz with water cooling.



## 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 |
| CenterFrequency          | 2998.5 MHz      | —                |
| PeakSaturatedPowerOutput | 20 MW           | Pulsed           |
| AveragePowerOutput       | 2.5 kW          | Pulsed           |
| BandwidthAt1dB           | 50 MHz          | —                |
| Cooling                  | Water           | —                |

## TUBE TINKER

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and their source documents.

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