

ELECTRONIC TUBE REFERENCE

ZM6602

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Water-cooled X-band multiple-beam klystron for long-range radar and high-power communications, rated for approximately 100 kW continuous-wave output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	9 V / 40 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Klystron
No fixed ratings recorded.
Published ratings and characteristics promoted from the supplied General Electric source where explicitly available.

Water-cooled X-band multiple-beam klystron for long-range radar and high-power communications, rated 100 kW CW.



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 · Klystron

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
HeaterOrFilamentVoltage	9 V	—
HeaterOrFilamentCurrent	40 A	—
OperatingFrequencyMinimum	7100 MHz	—
OperatingFrequencyMaximum	9000 MHz	—
Power Output	100 kW	CW

TUBE TINKER

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and their source documents.

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