



ELECTRONIC TUBE REFERENCE

3K2500LX

Specialized - Klystron electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
KLYSTRON

Three-cavity magnetically focused Eimac power-amplifier klystron covering approximately 980–1200 MHz and delivering roughly one kilowatt output.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	7.5 V / 5.8 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.

Klystron electron-beam section. Schema has no beam-voltage/collector-dissipation promoted fields; those published ratings are preserved below as parameters. MaxCathodeCurrent uses published maximum beam current where available.

The EIMAC 3K2500LX is a three-cavity magnetically focused 980–1200 MHz one-kilowatt power-amplifier klystron.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1962 Eimac

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

1962 EIMAC

Section 1 · Klystron

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
minimum CW output power of one kilowatt with a power gain of	—	—
Power Gain - - - - - 25 db	—	—
Frequency Range - - - 980 to 1200 mc	—	—
Output Power - - - - - 830 1320 watts	—	—
Power Gain - - - - - 26.1 28.2 db	—	—